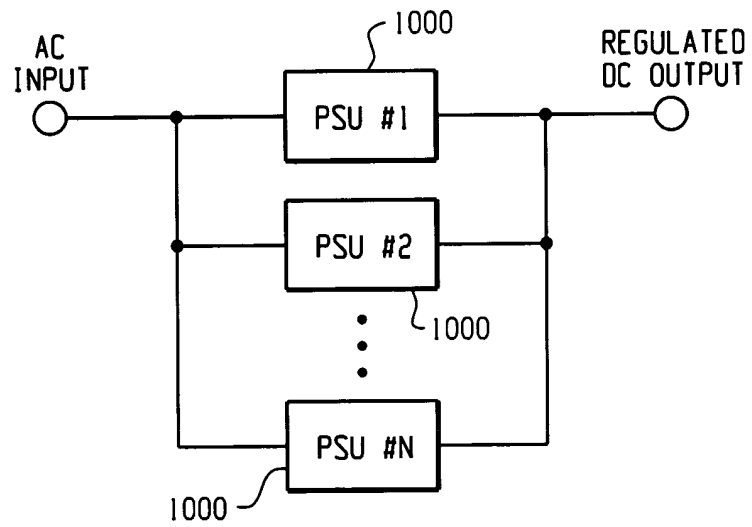
*Fig. 1**Fig. 2*

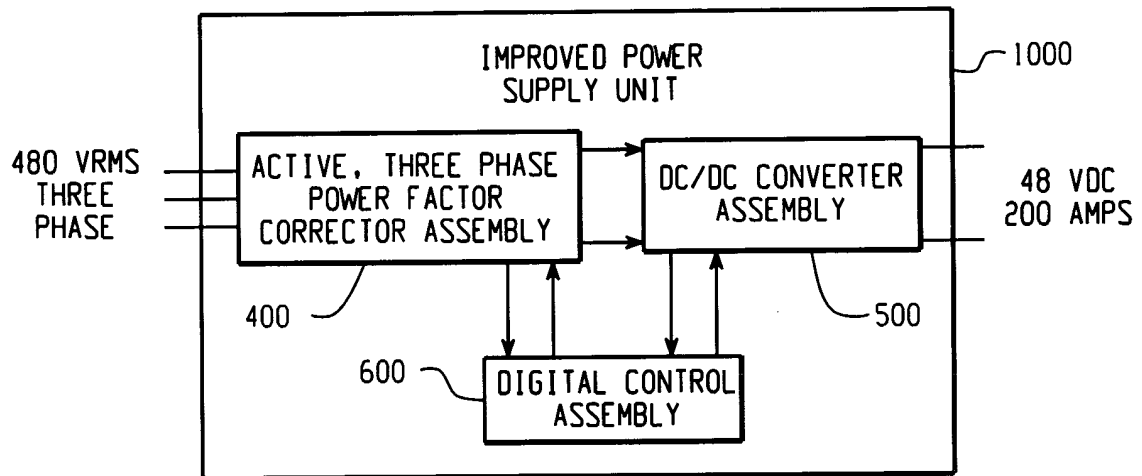


Fig. 3

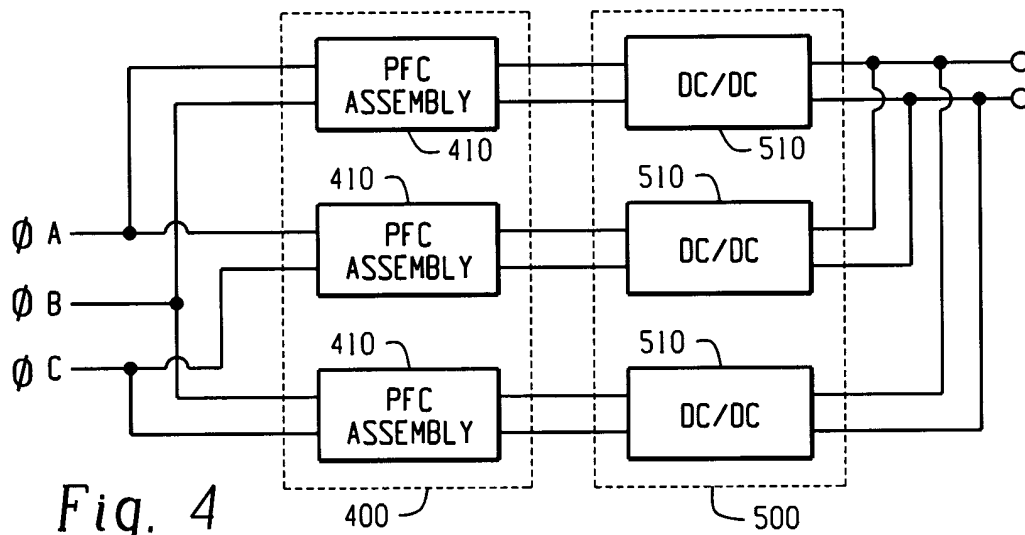


Fig. 4

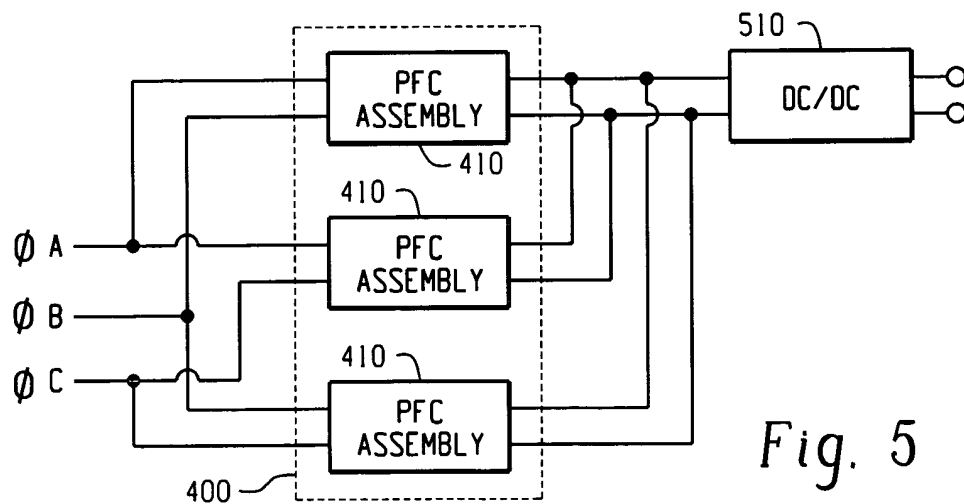
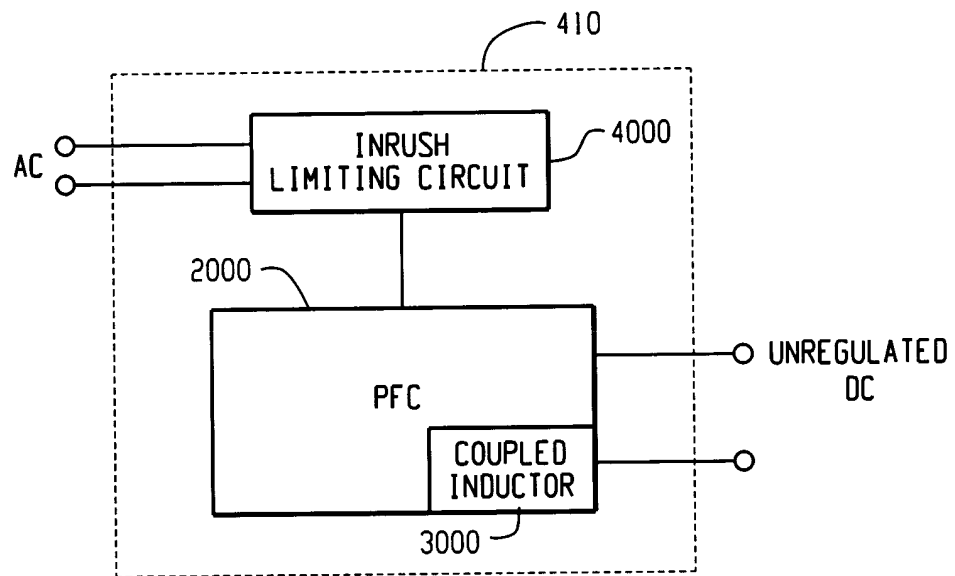
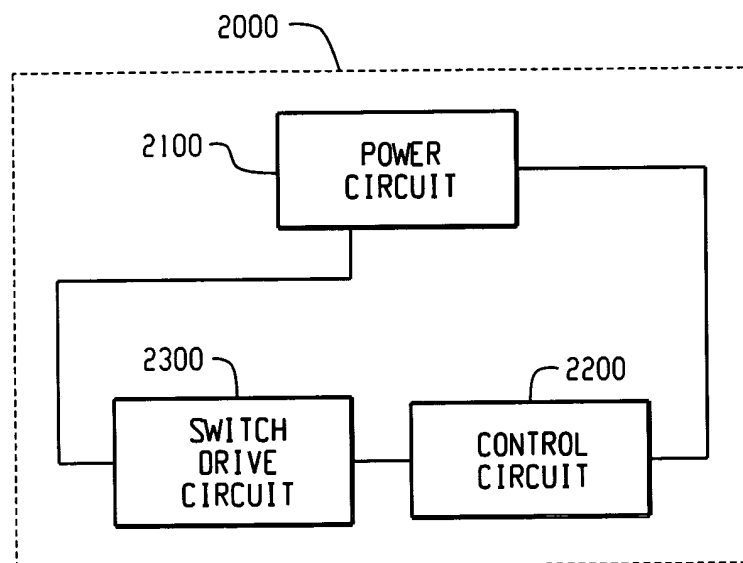


Fig. 5

*Fig. 6**Fig. 7*

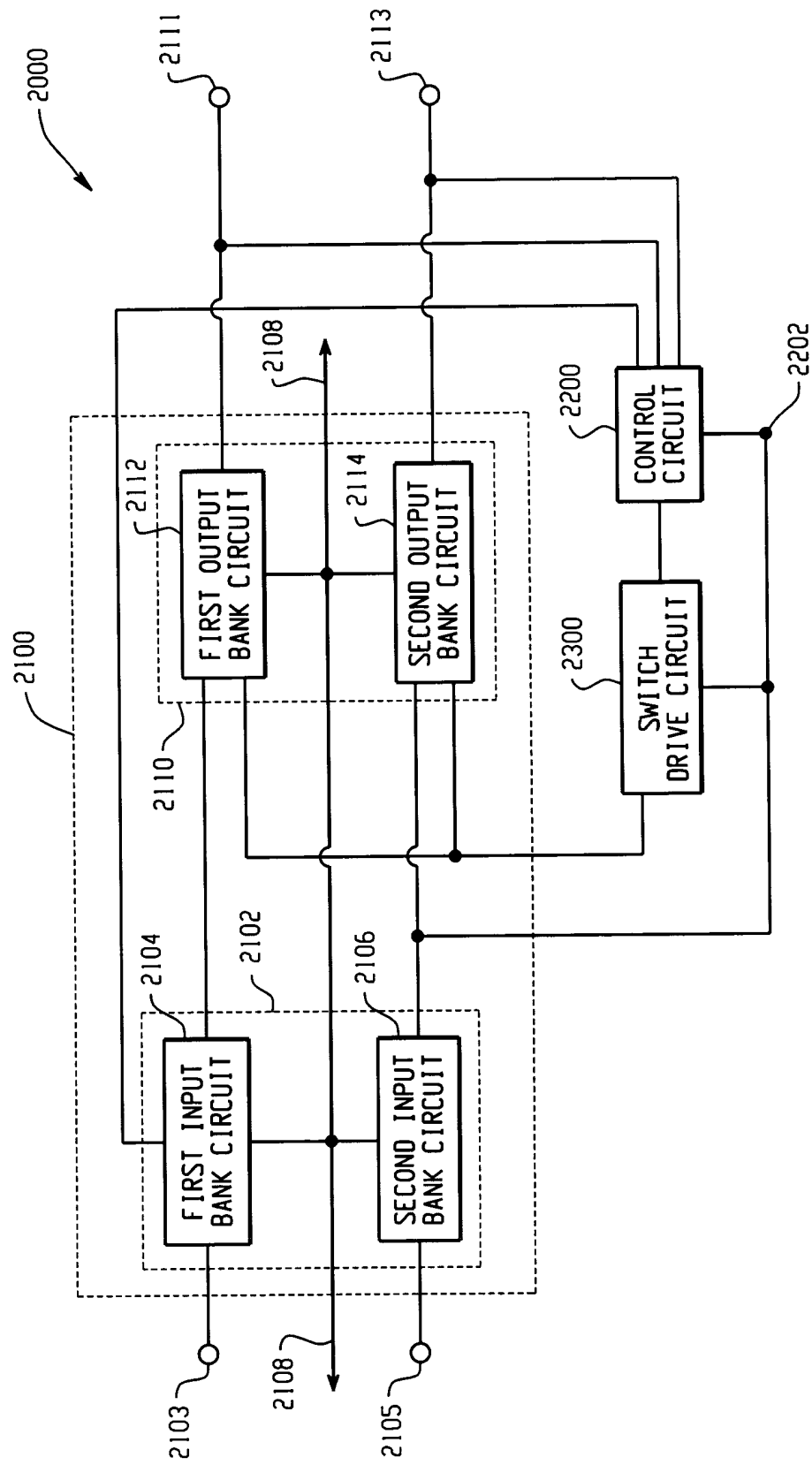


Fig. 8

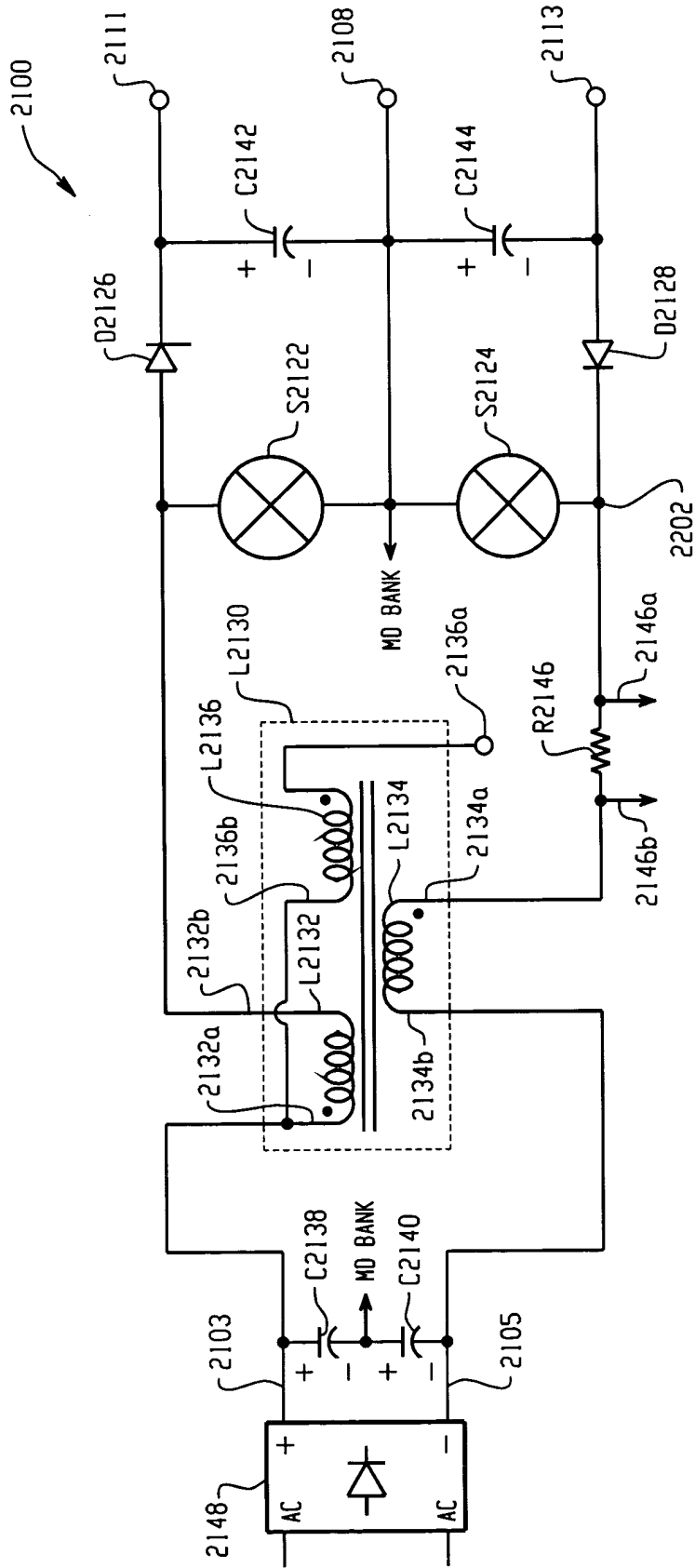


Fig. 9

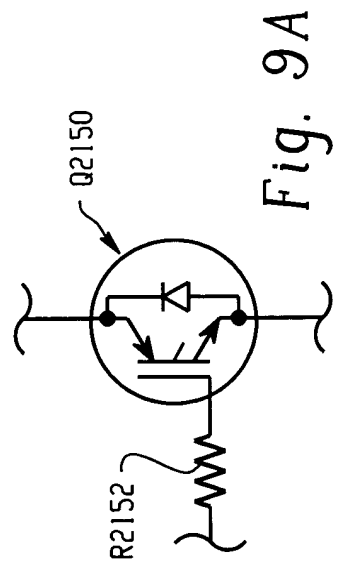


Fig. 9A

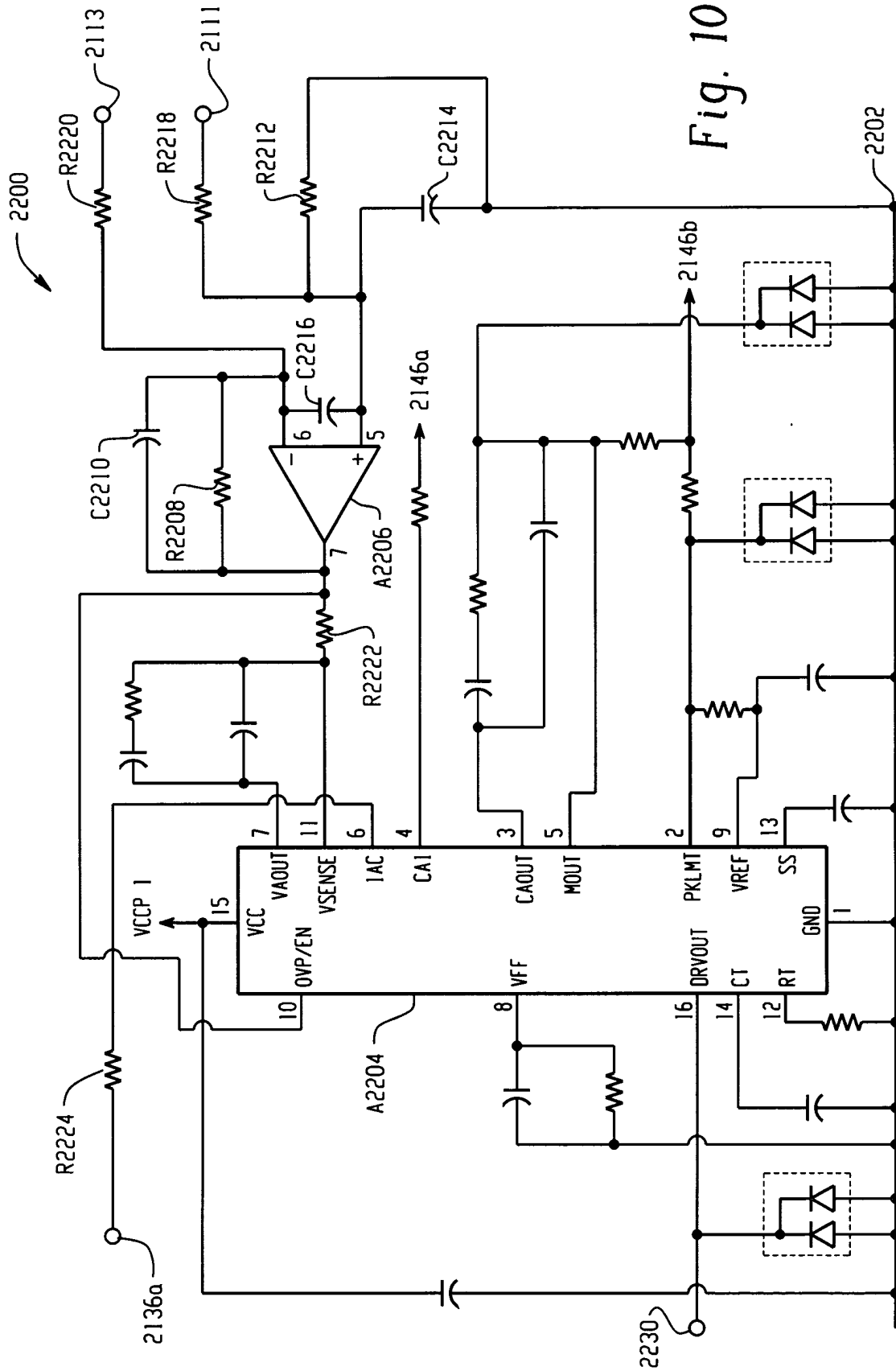


Fig. 10

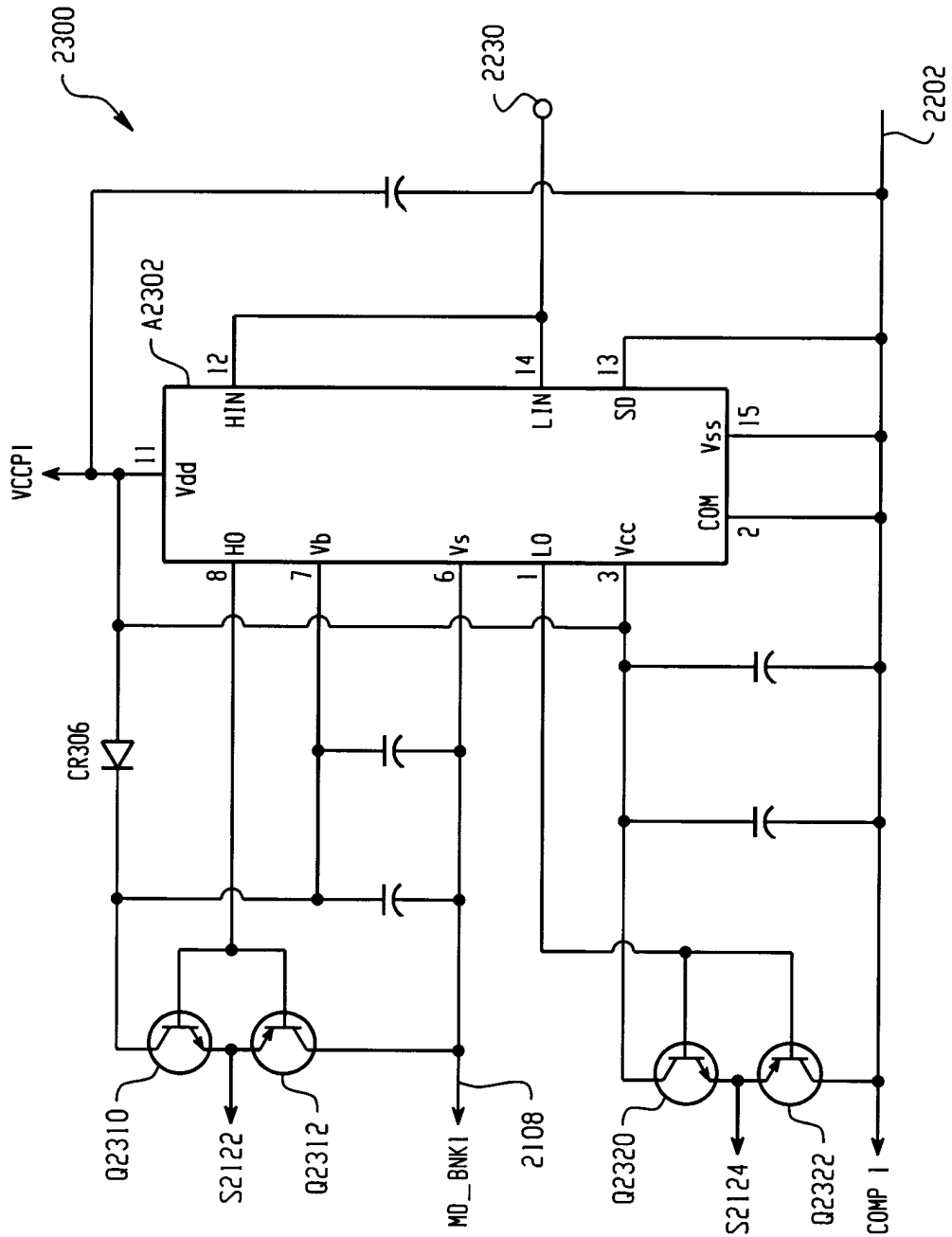


Fig. 11

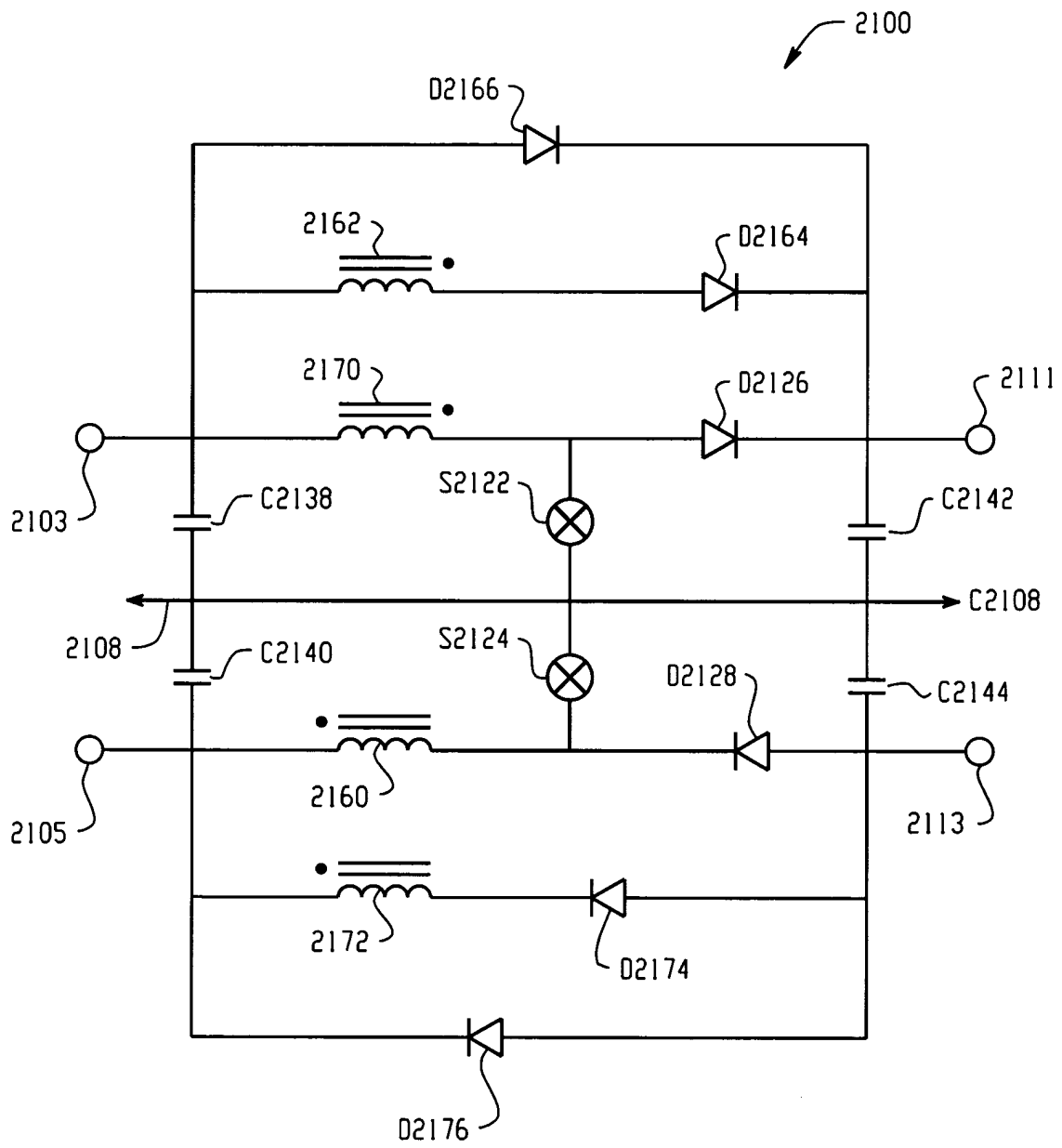


Fig. 12A



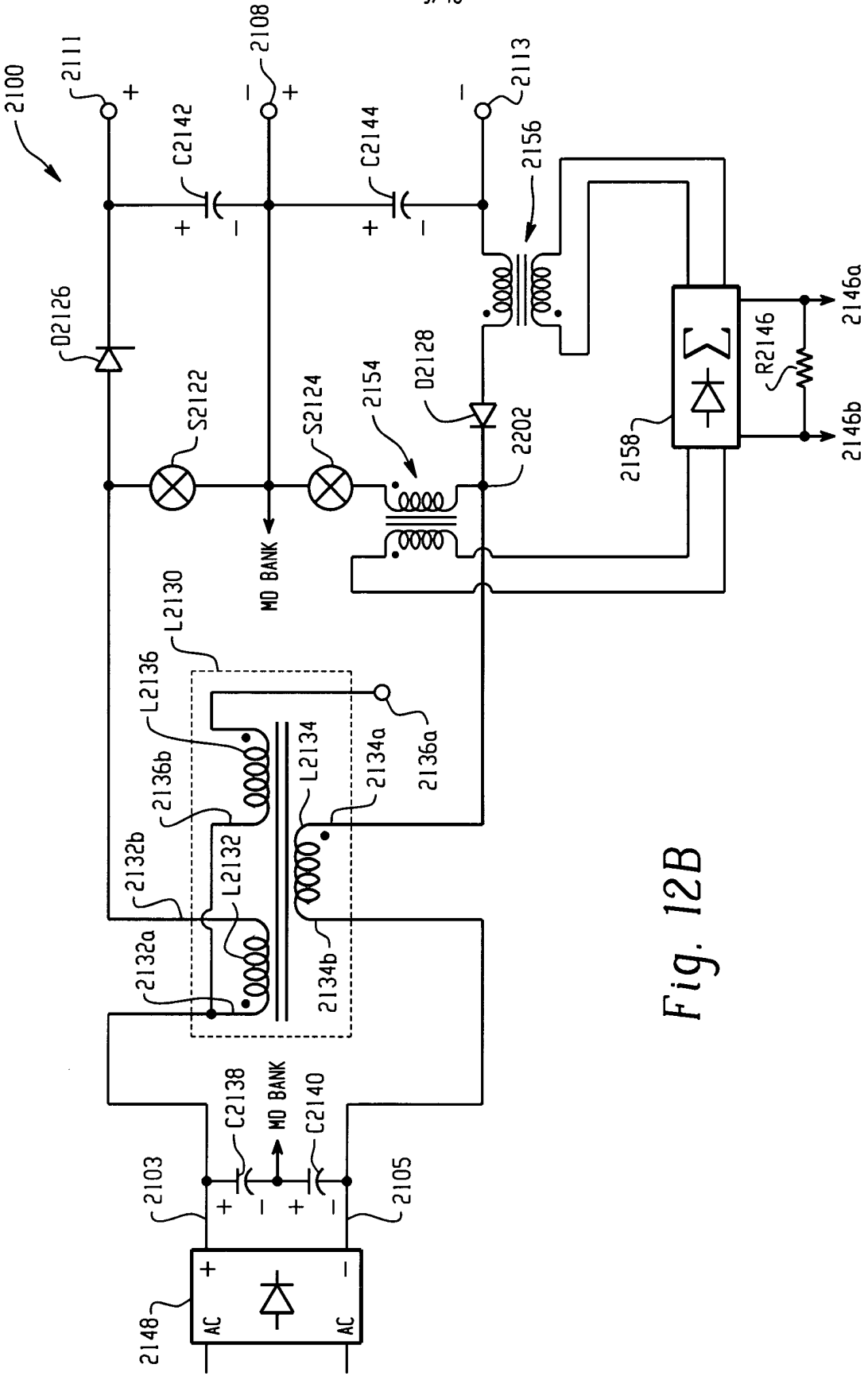
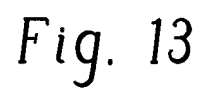
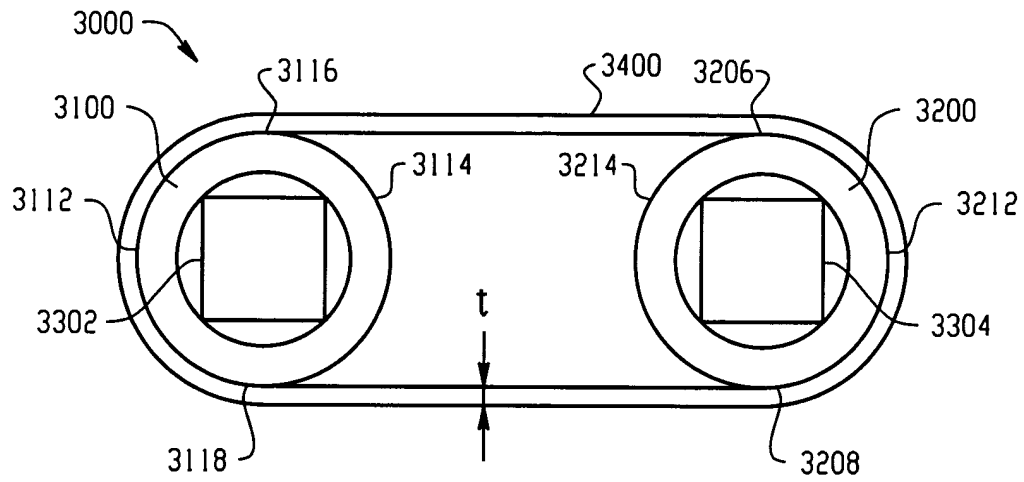
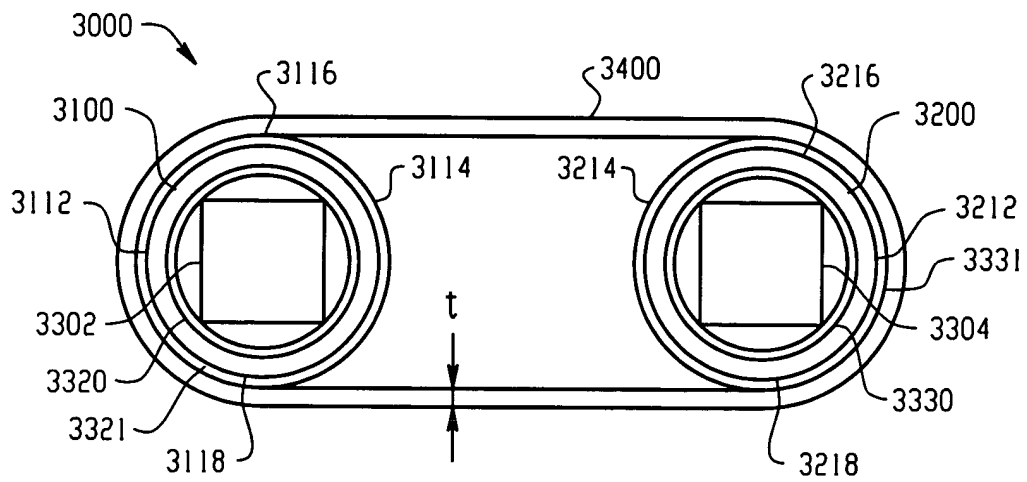


Fig. 12B



*Fig. 14A**Fig. 14B*

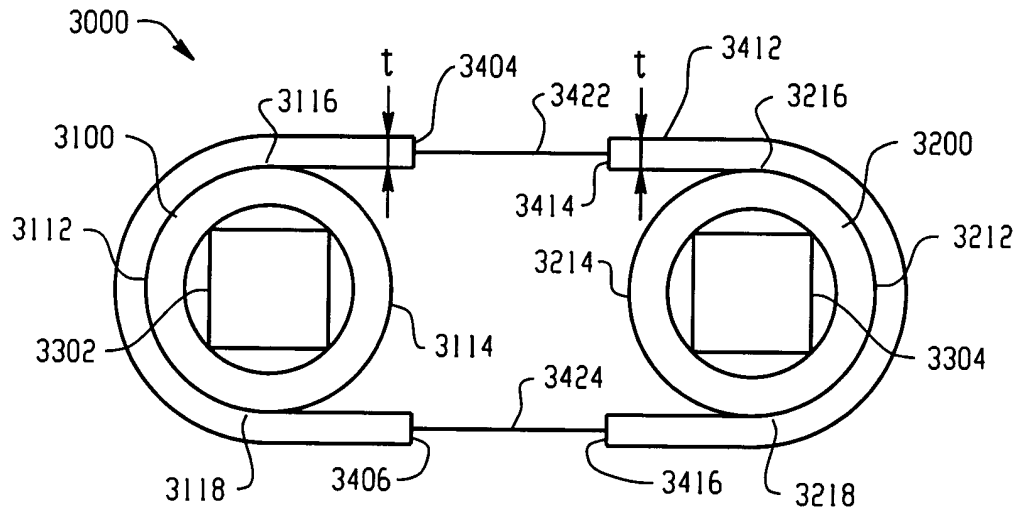


Fig. 14C

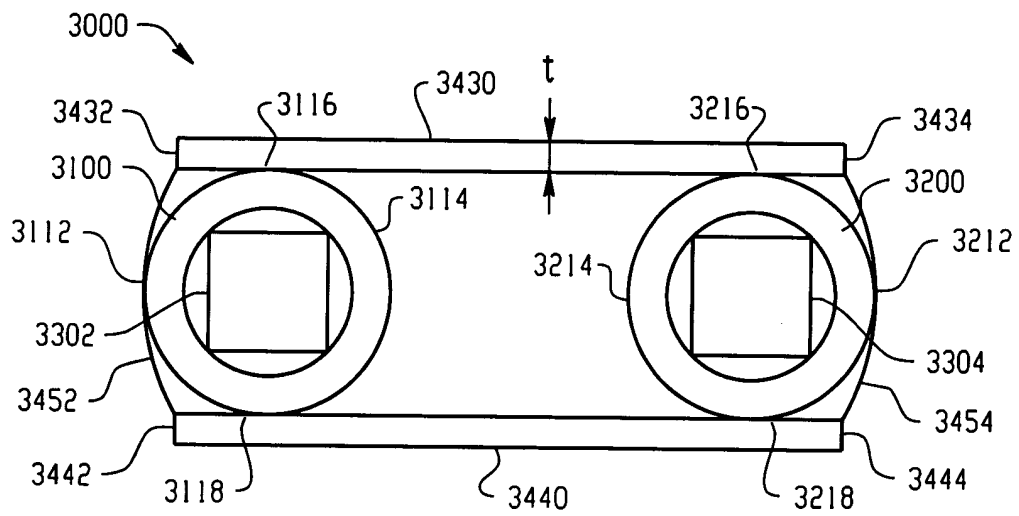
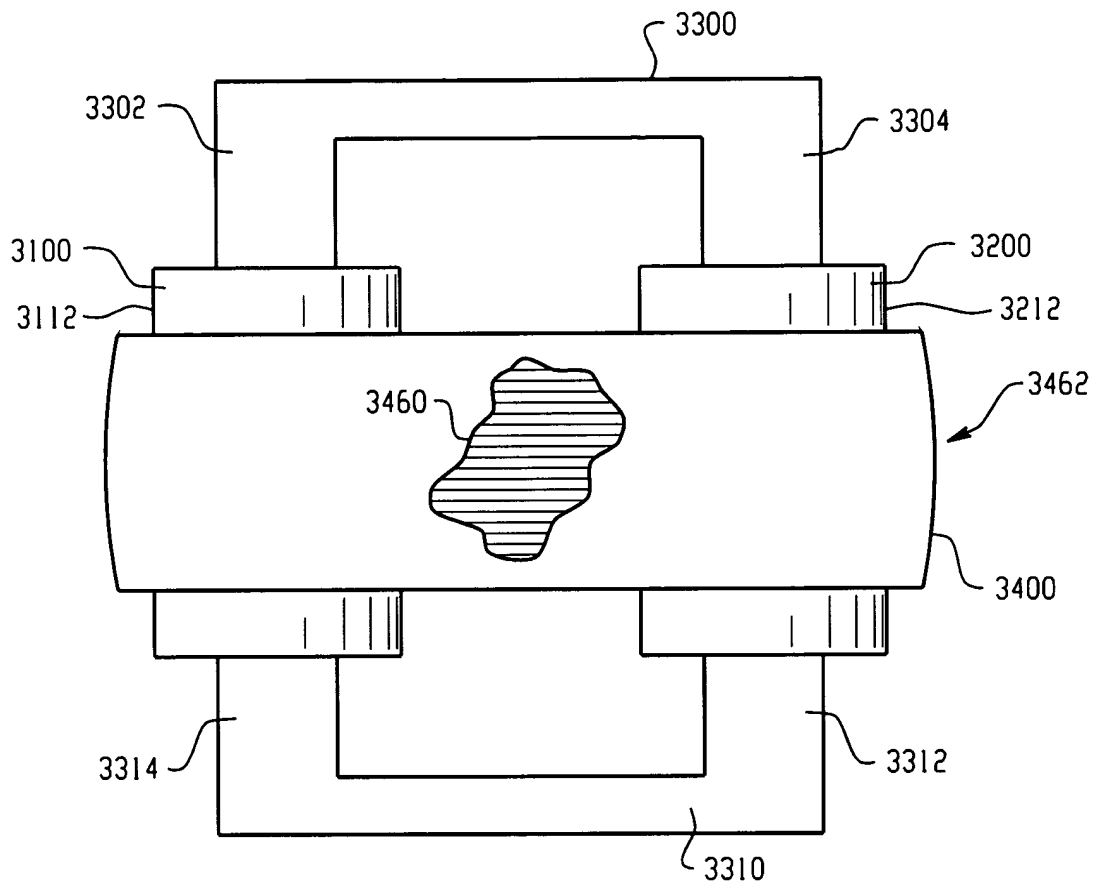
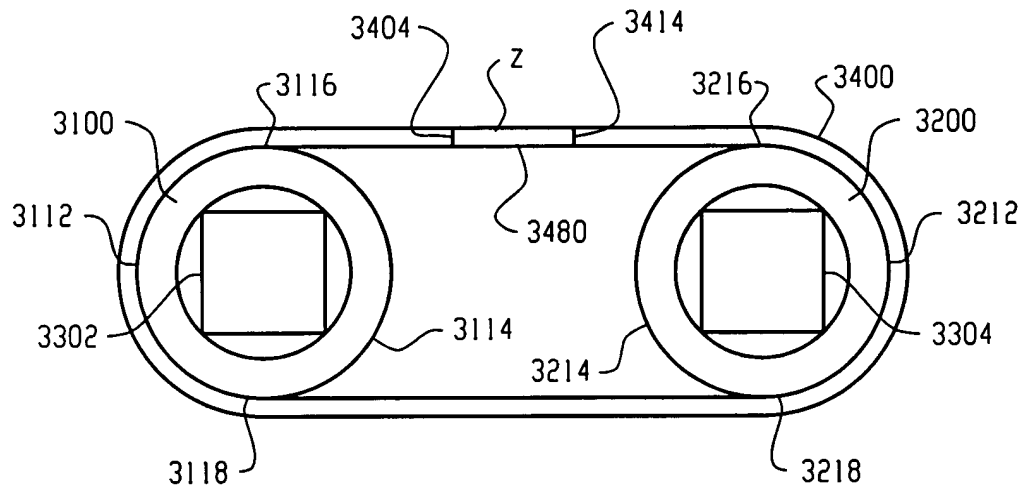


Fig. 14D



*Fig. 14E*



*Fig. 14F*

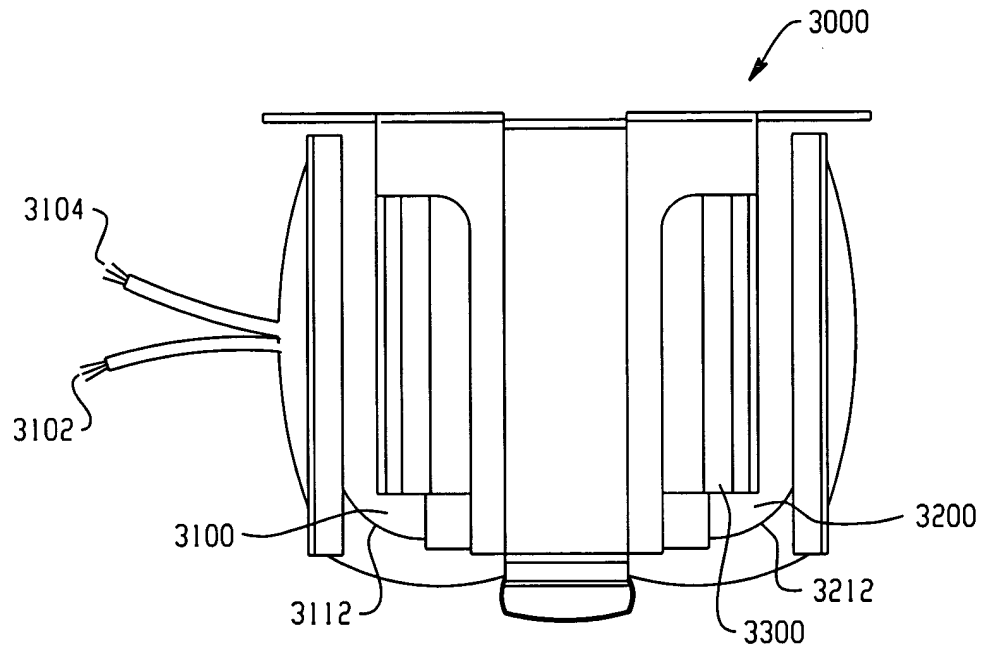
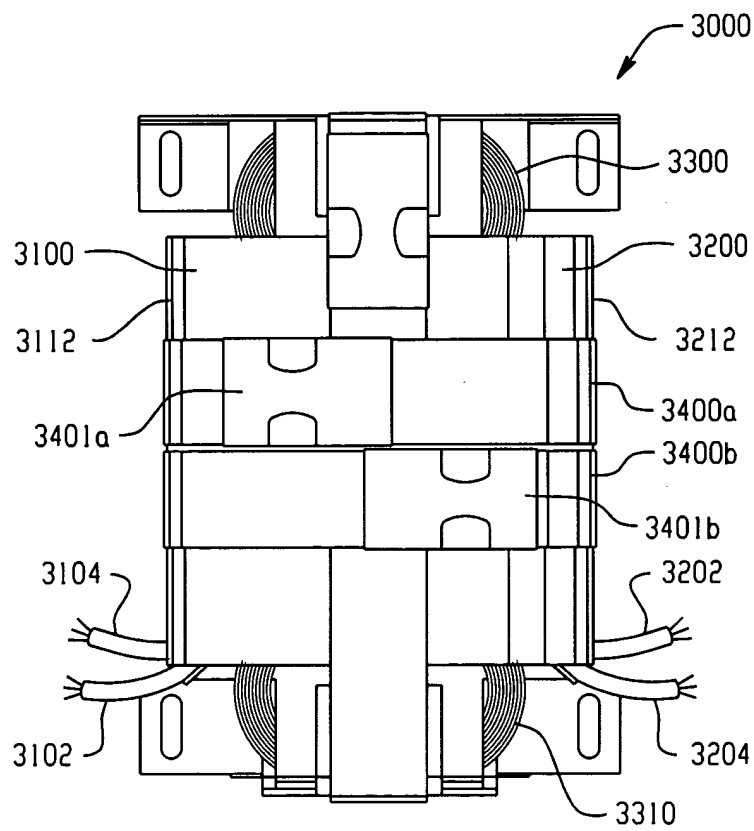
*Fig. 15**Fig. 16*

Fig. 17

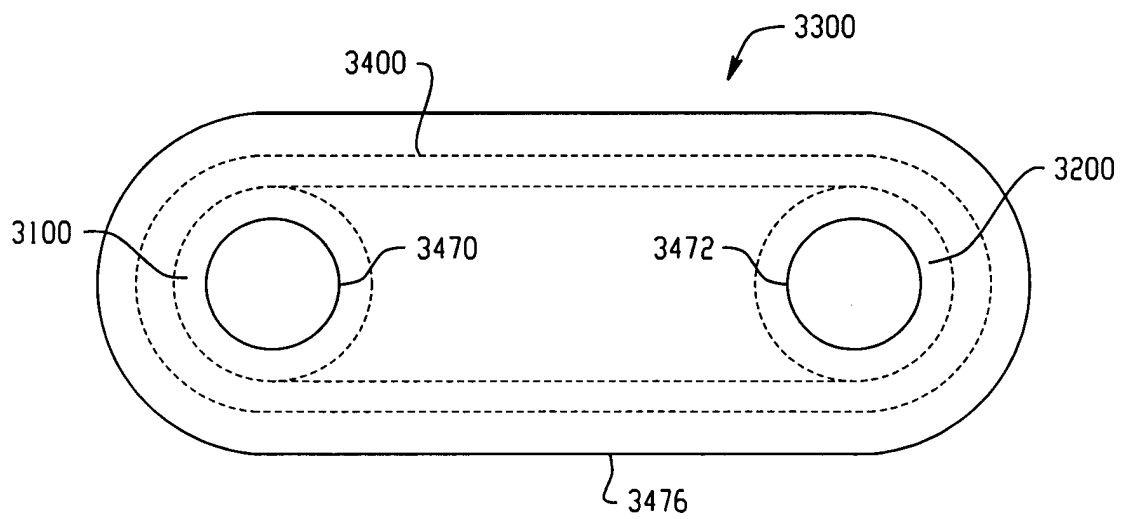
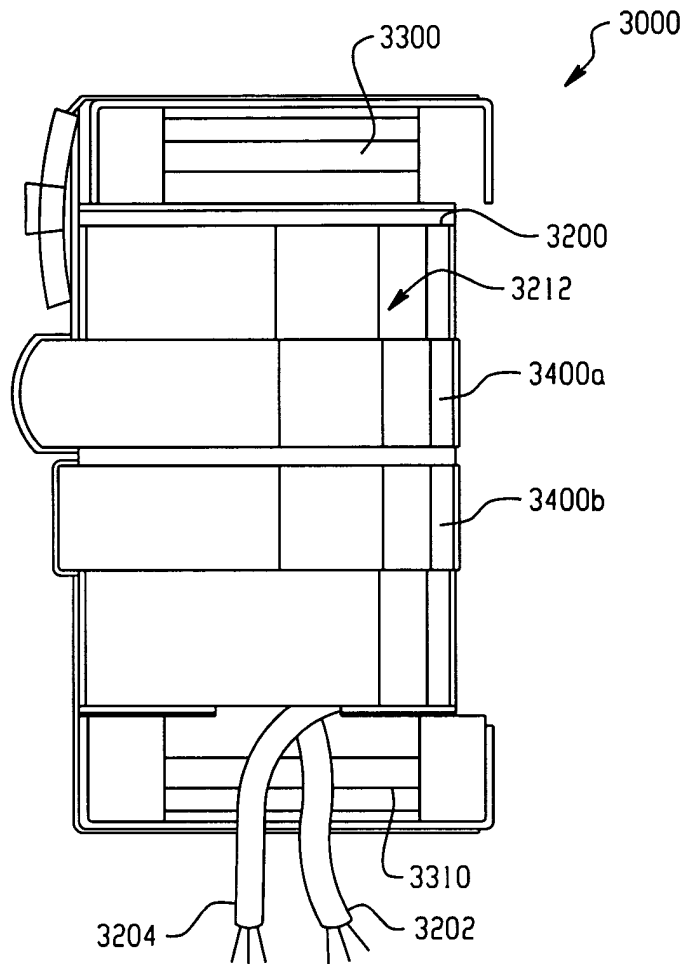


Fig. 18A

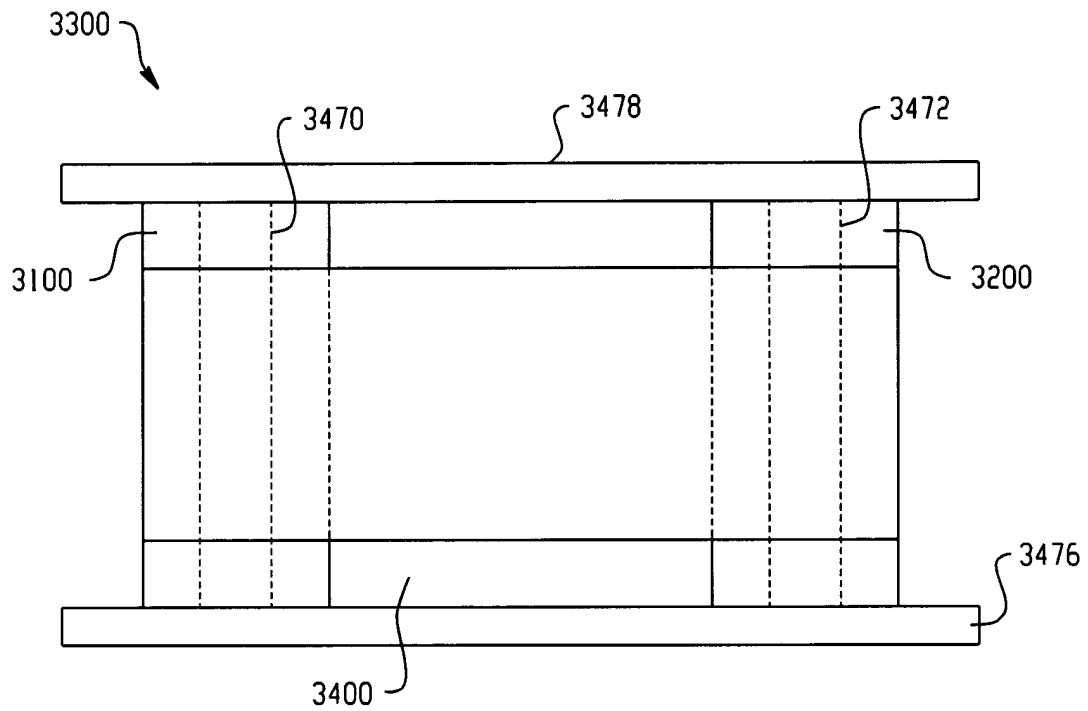


Fig. 18B

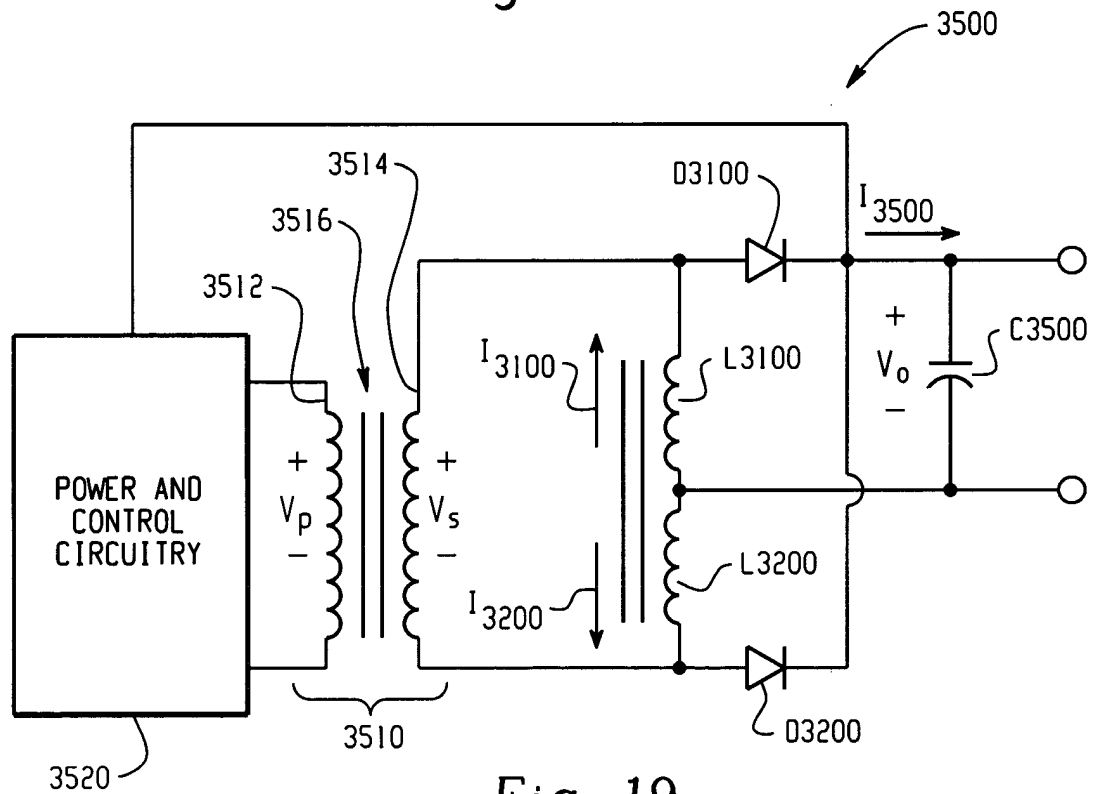


Fig. 19



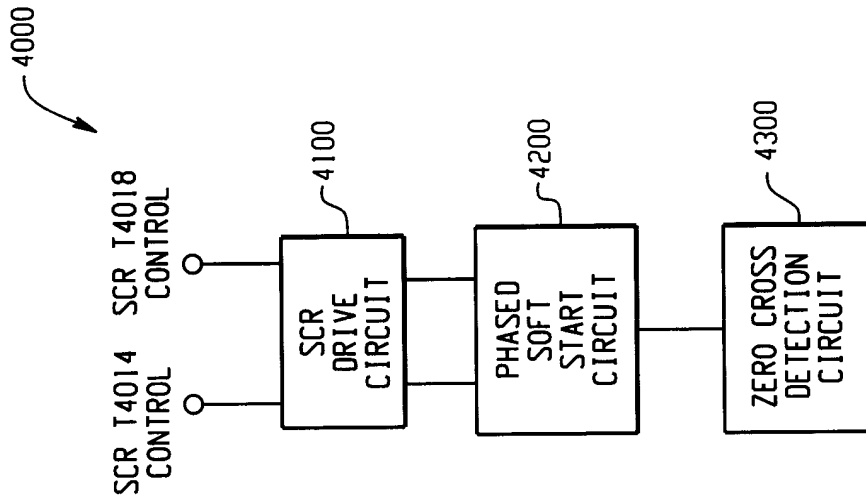


Fig. 20B

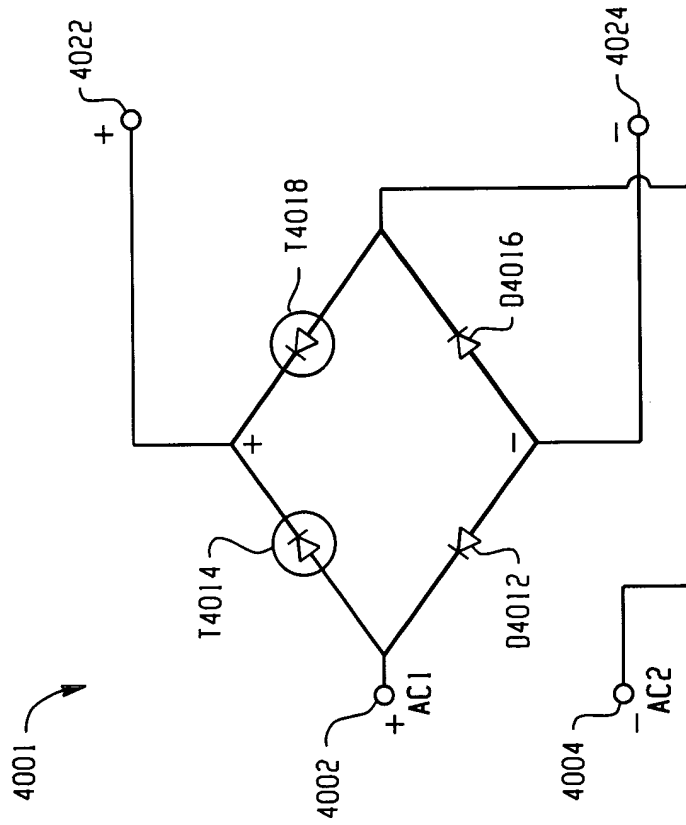


Fig. 20A

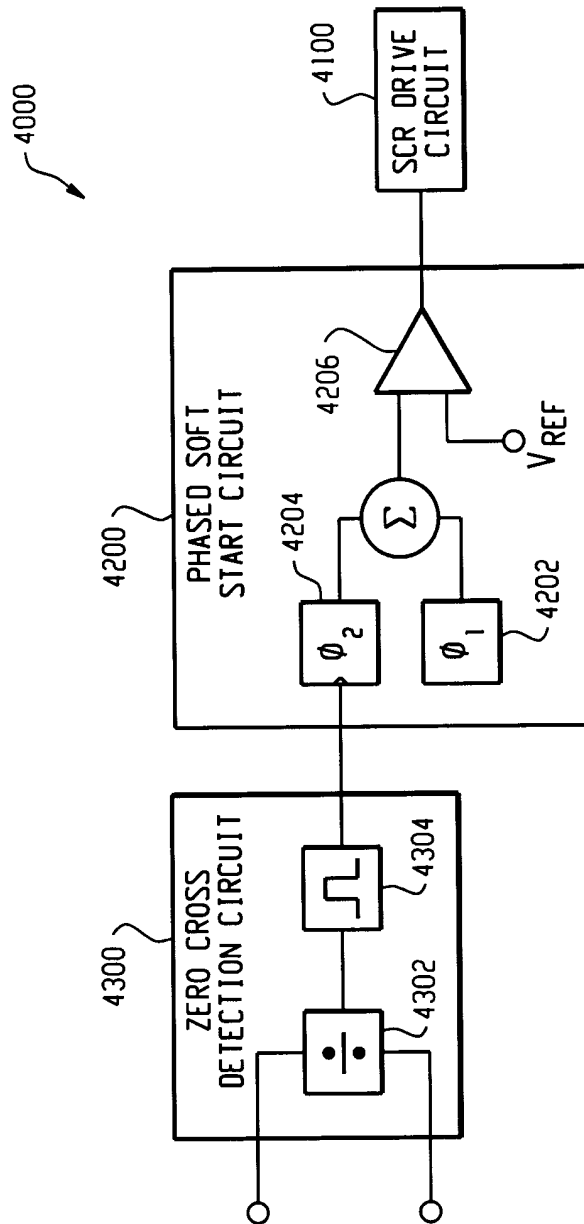


Fig. 21

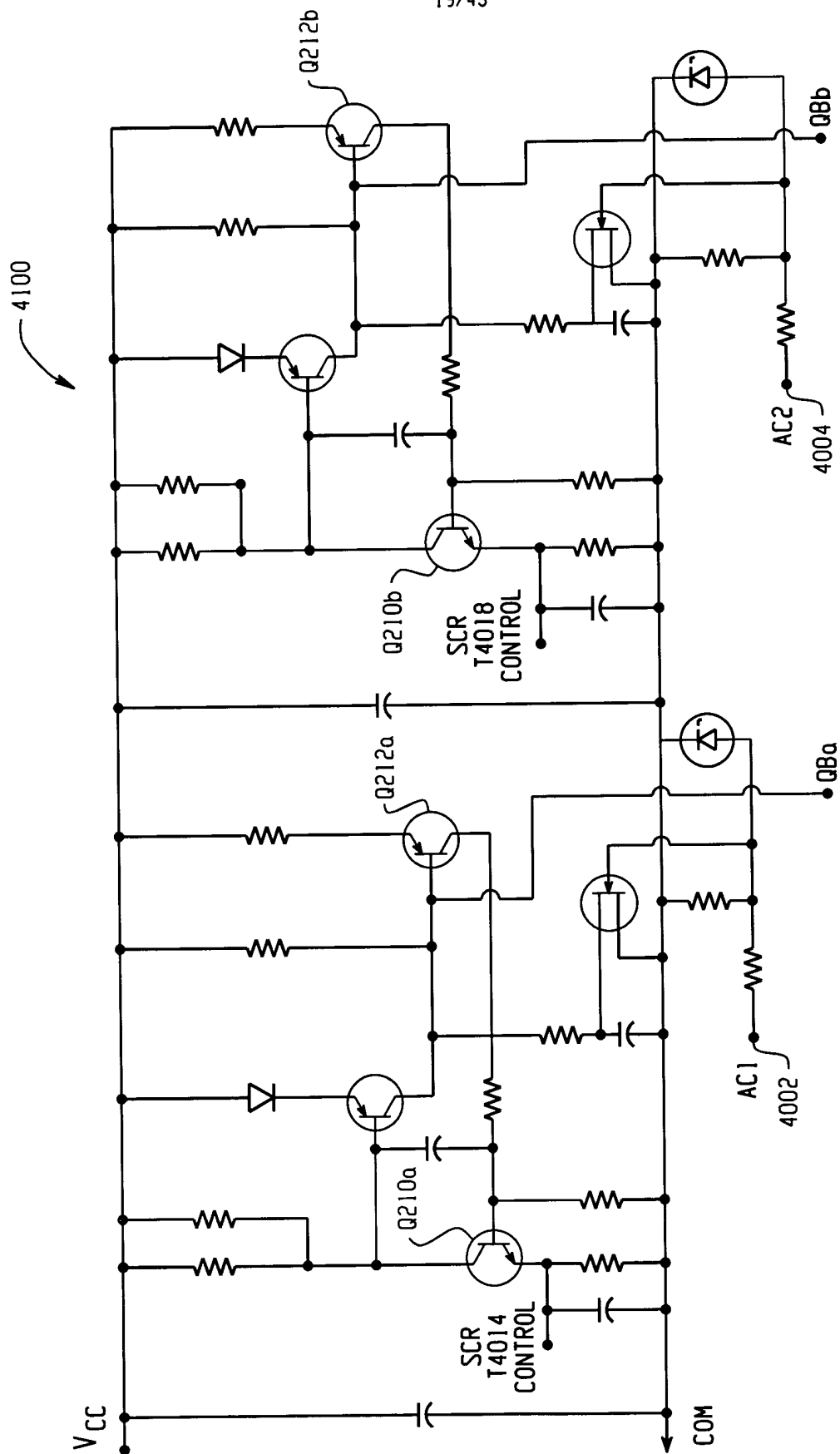


Fig. 22A

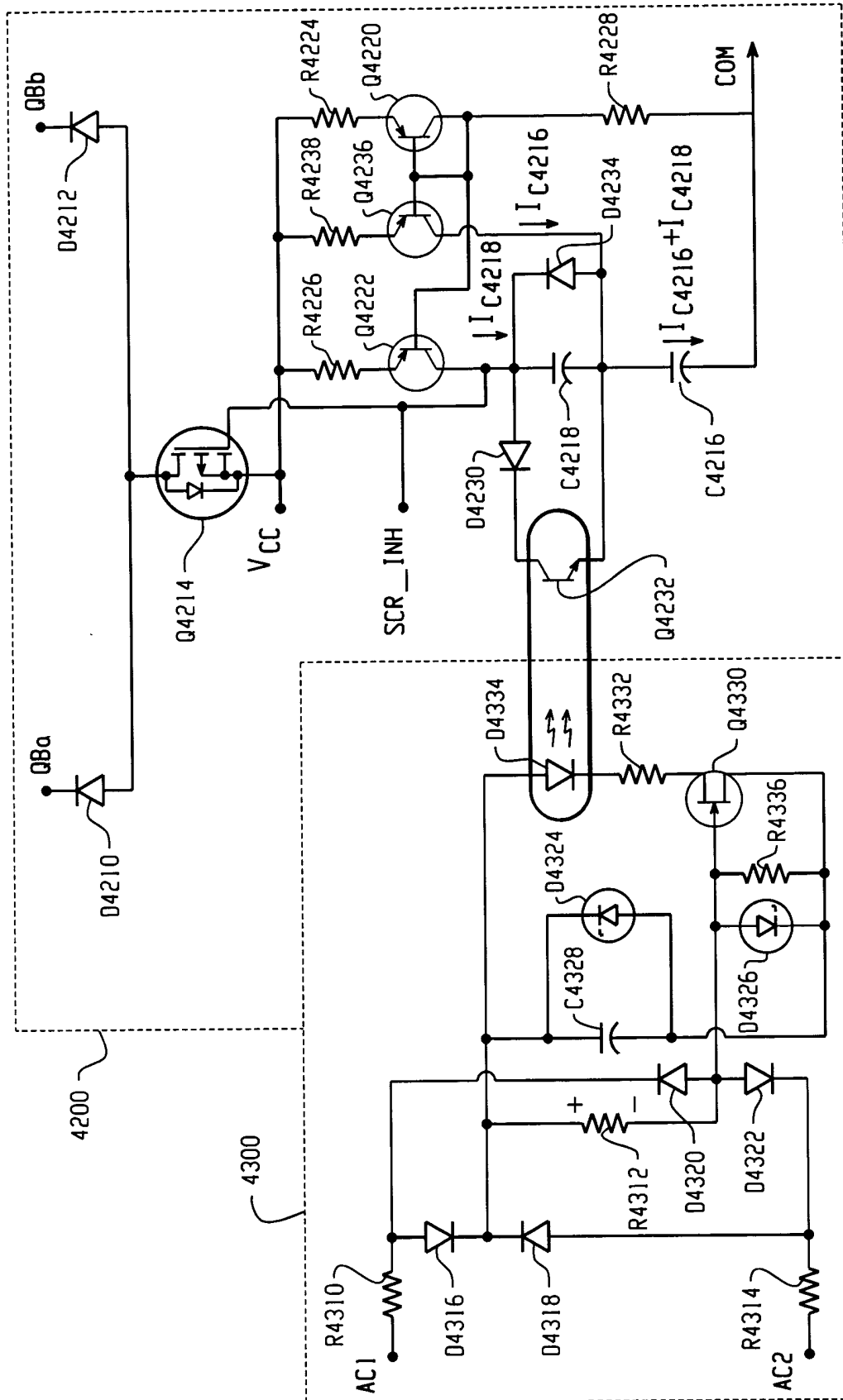


Fig. 22B

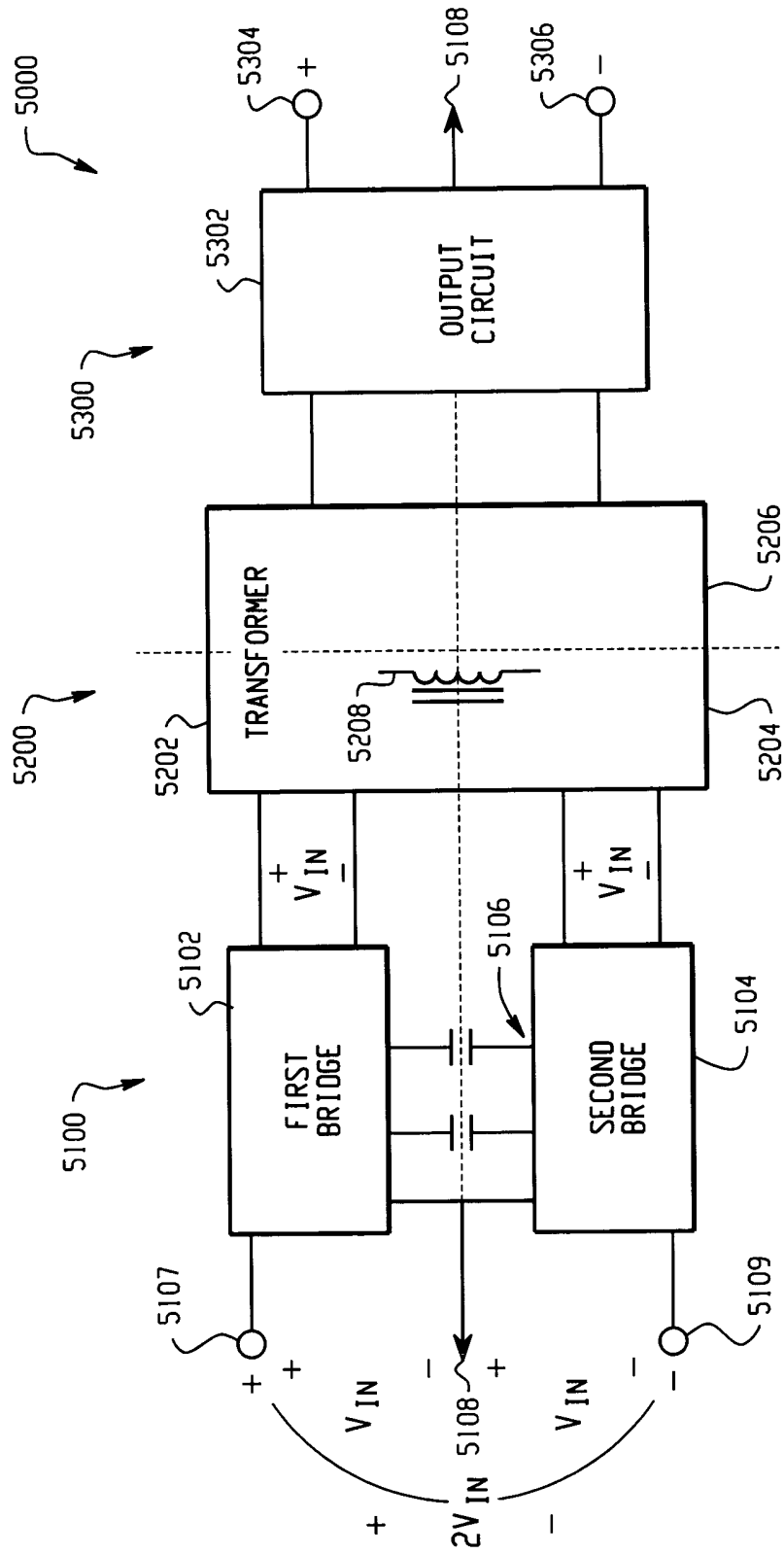


Fig. 23

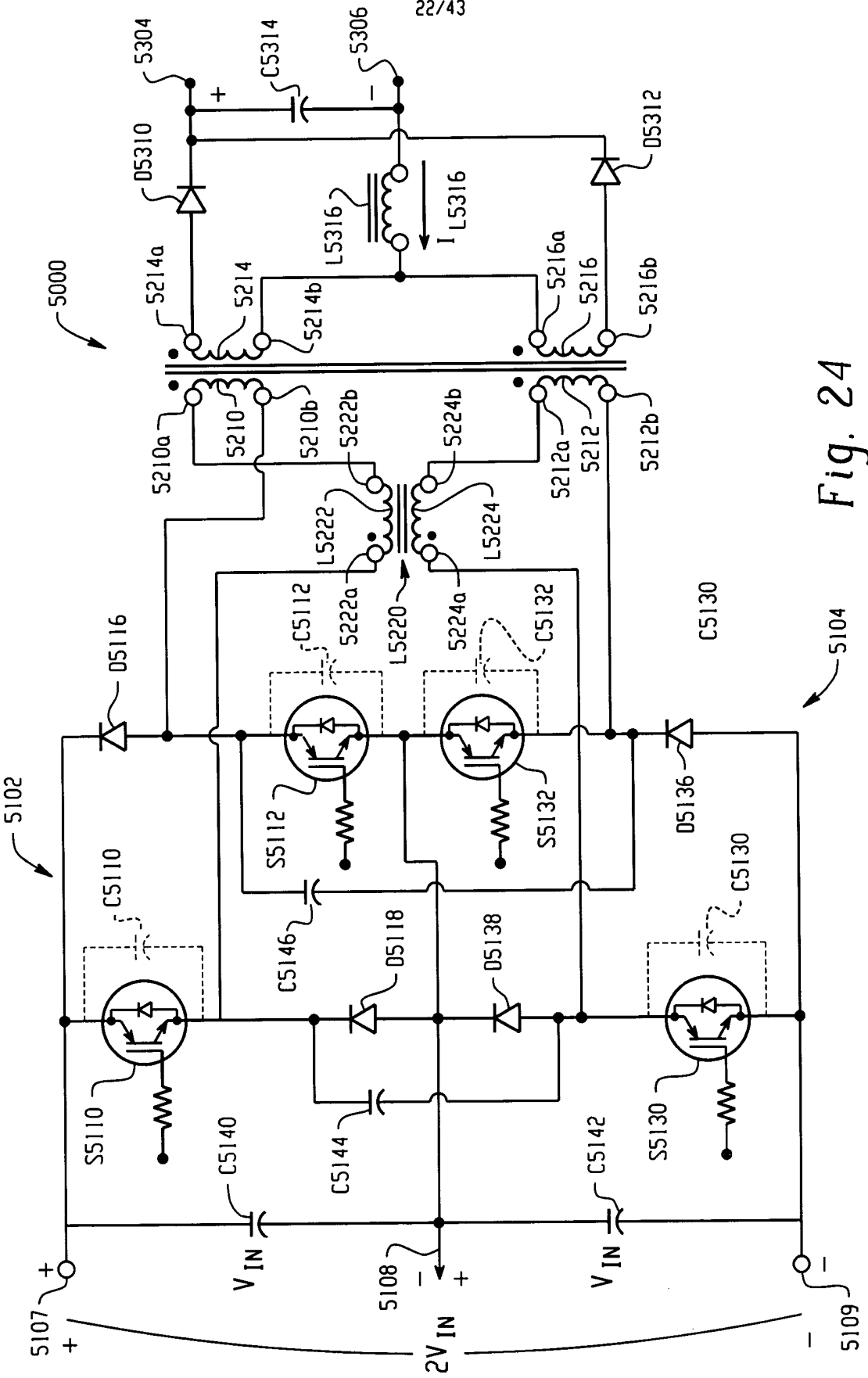


Fig. 24

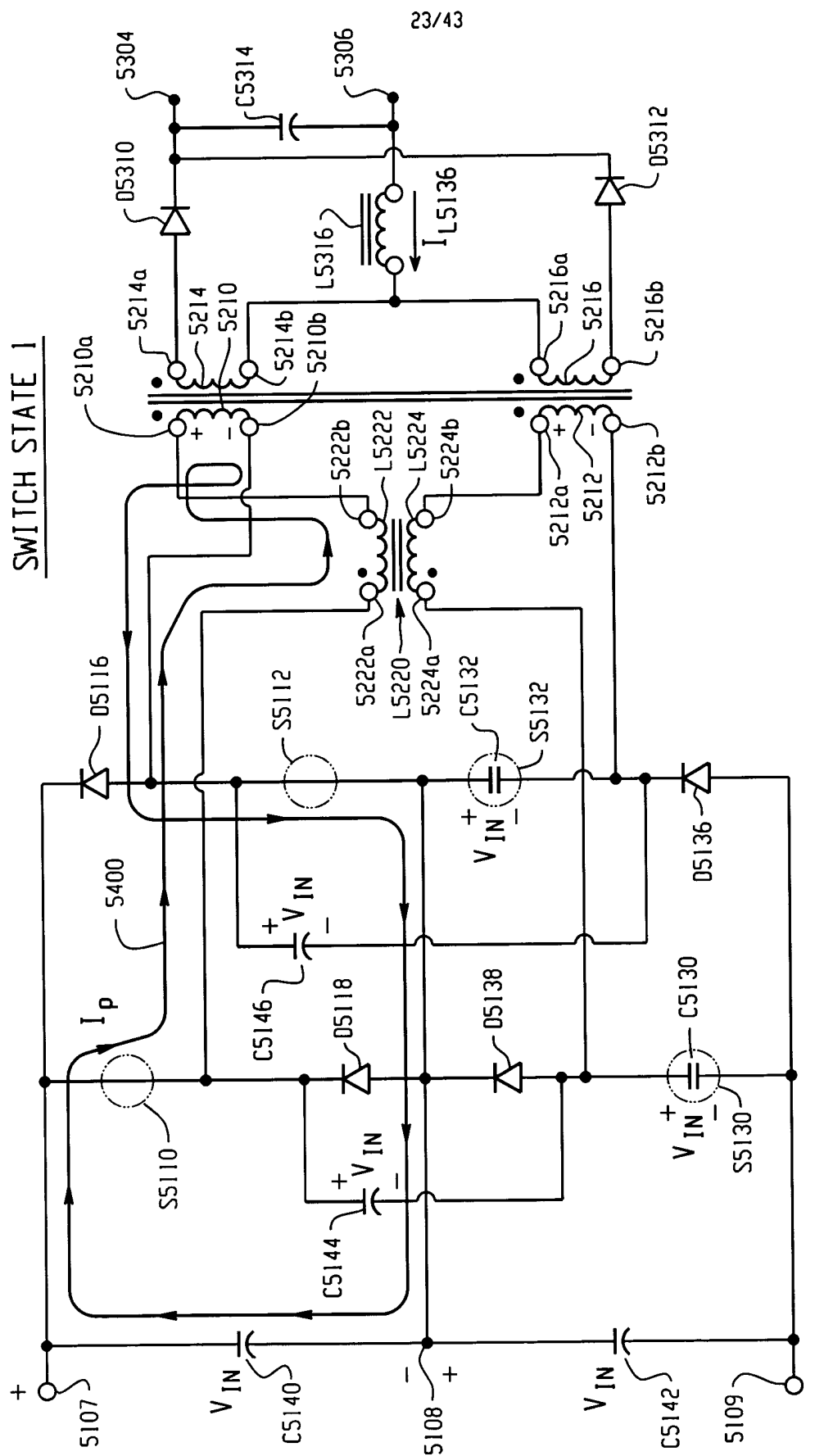


Fig. 25A

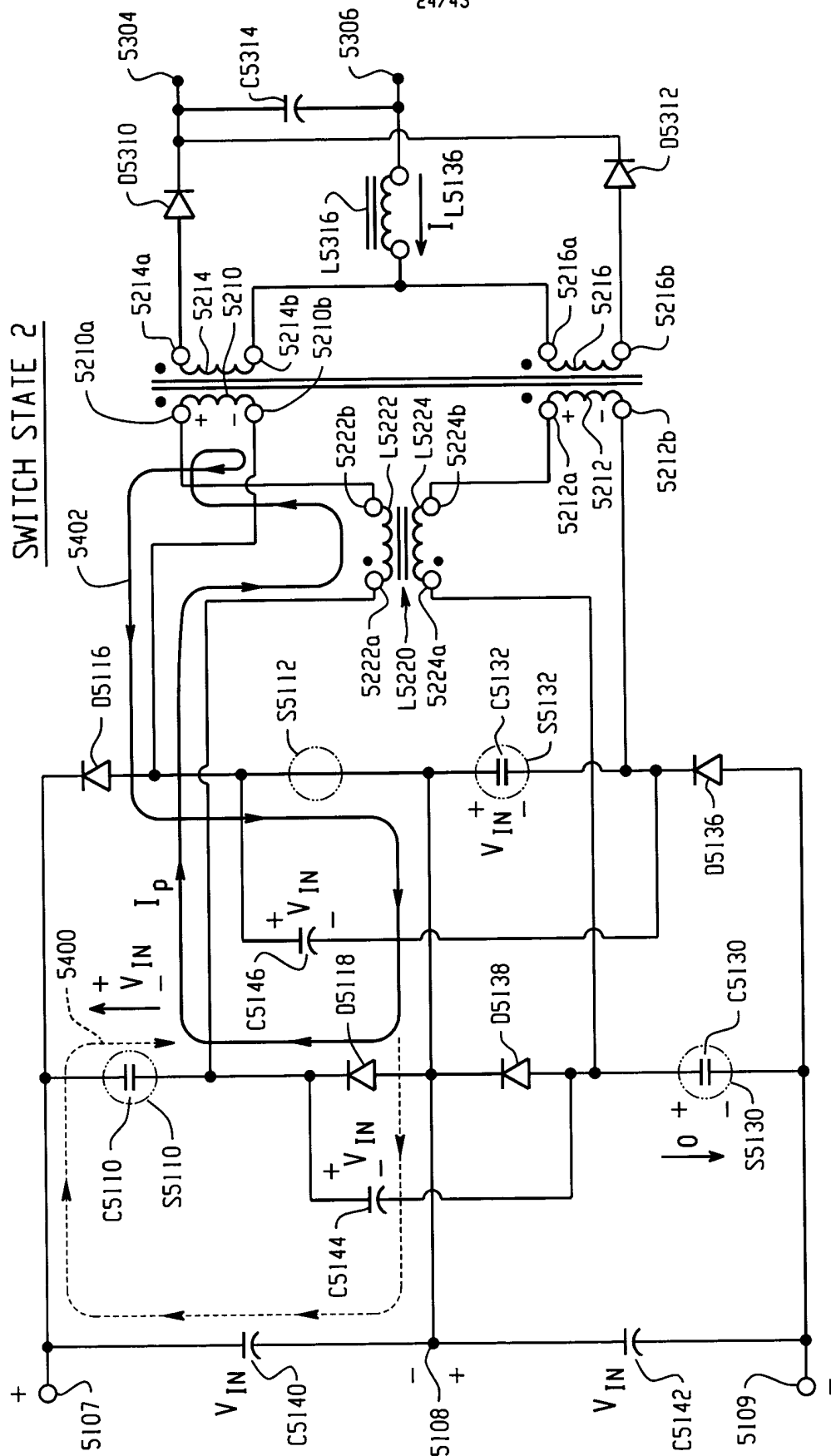


Fig. 25B



Fig. 25C

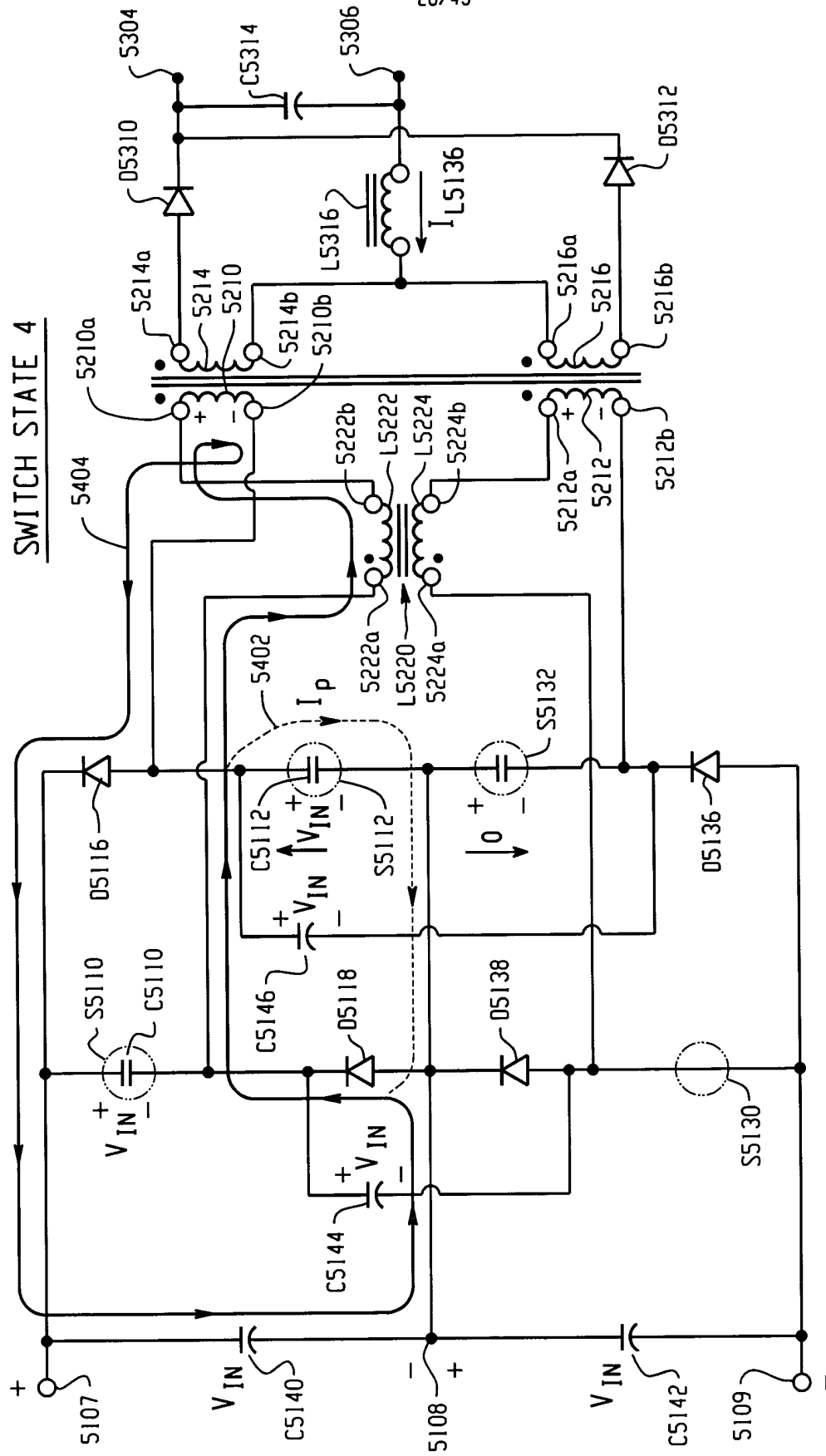


Fig. 25D

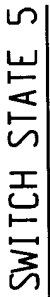


Fig. 25E

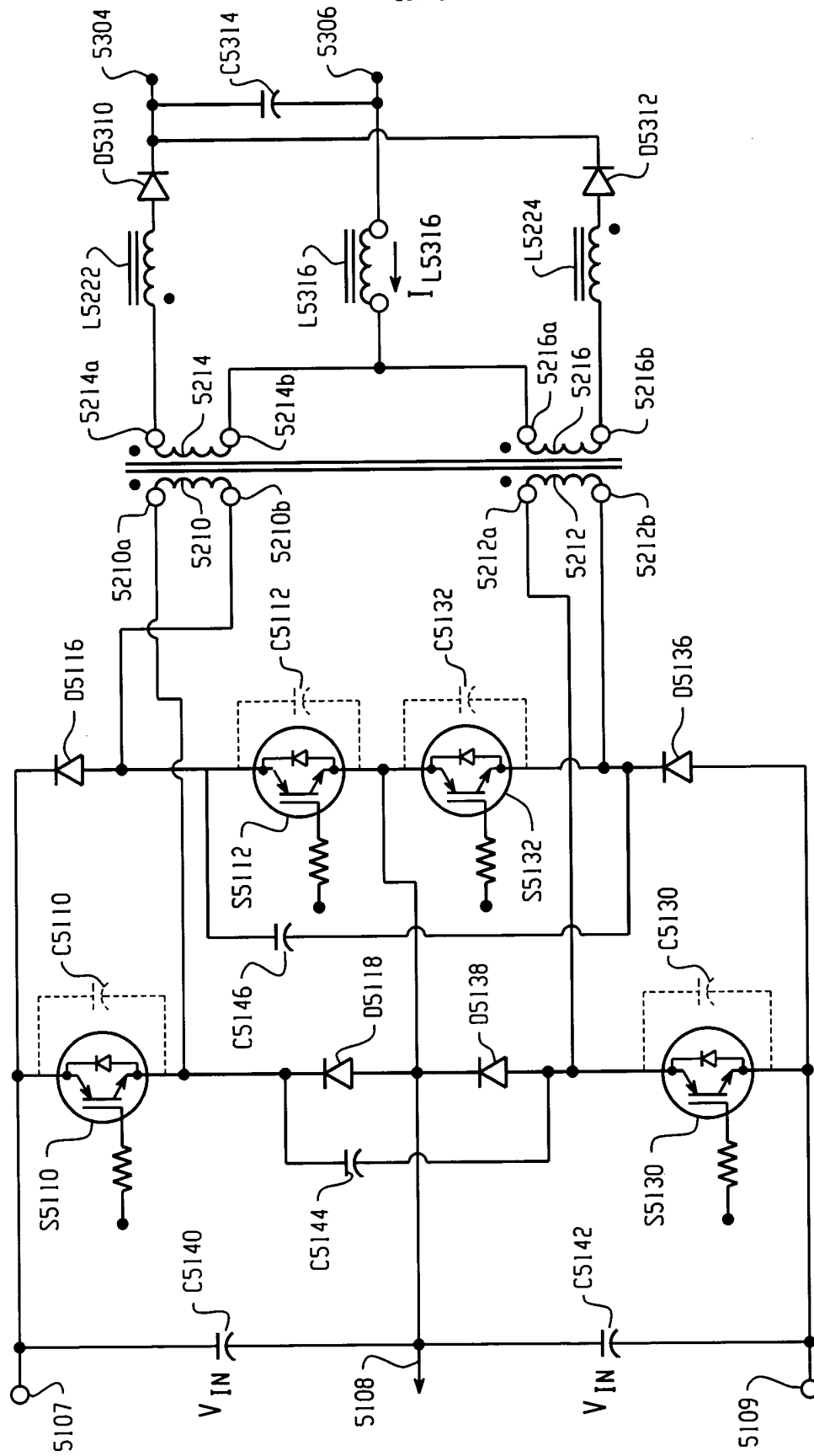


Fig. 26

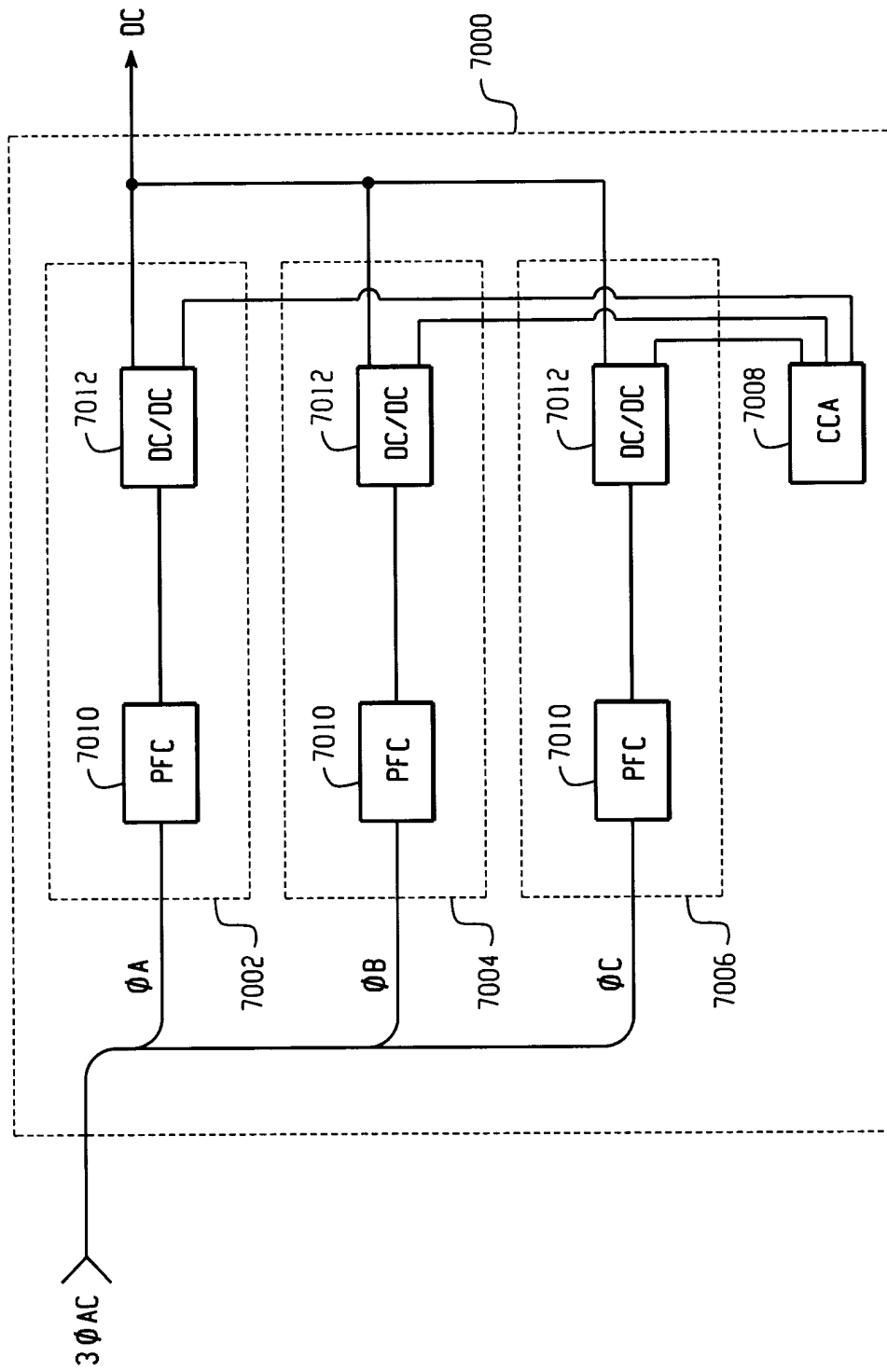


Fig. 27

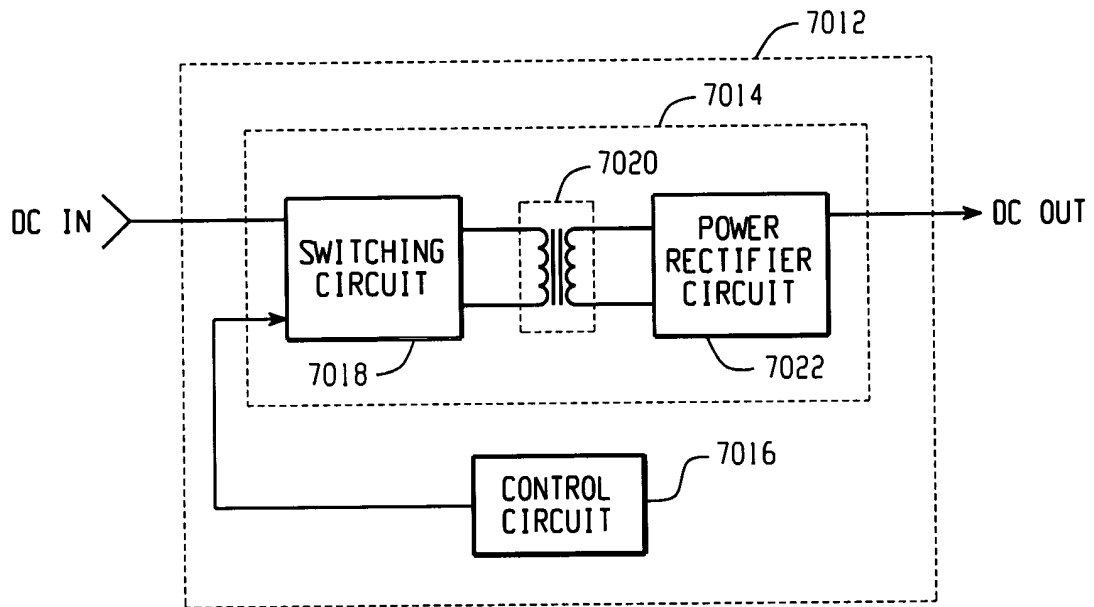
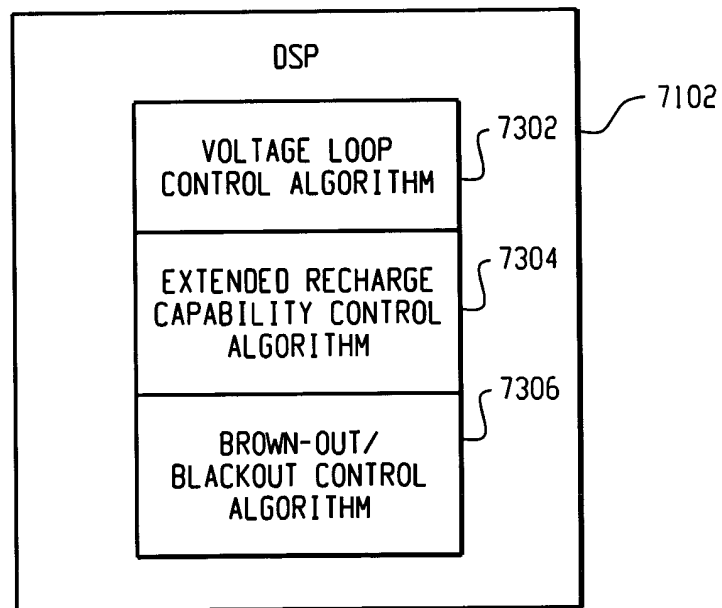
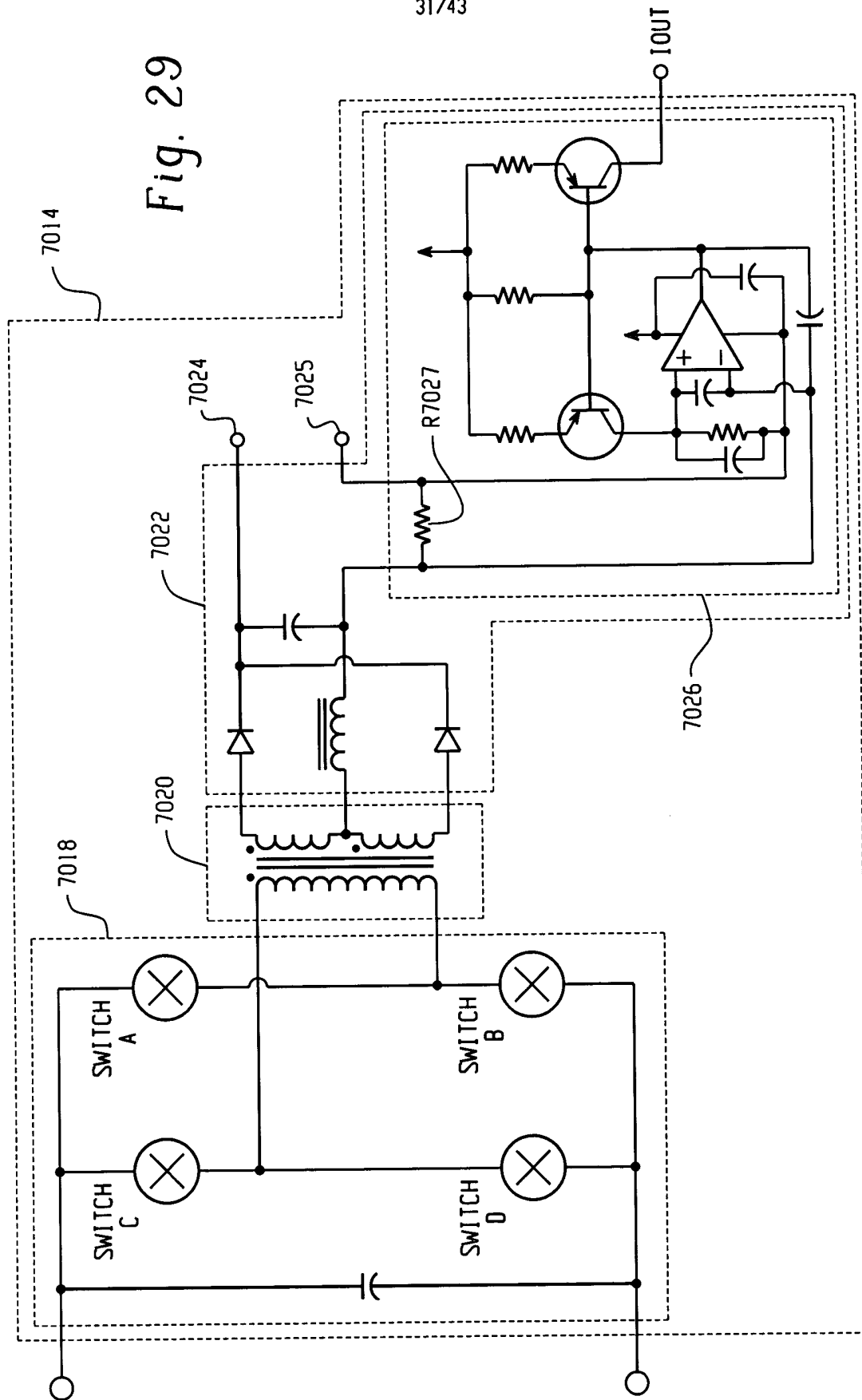
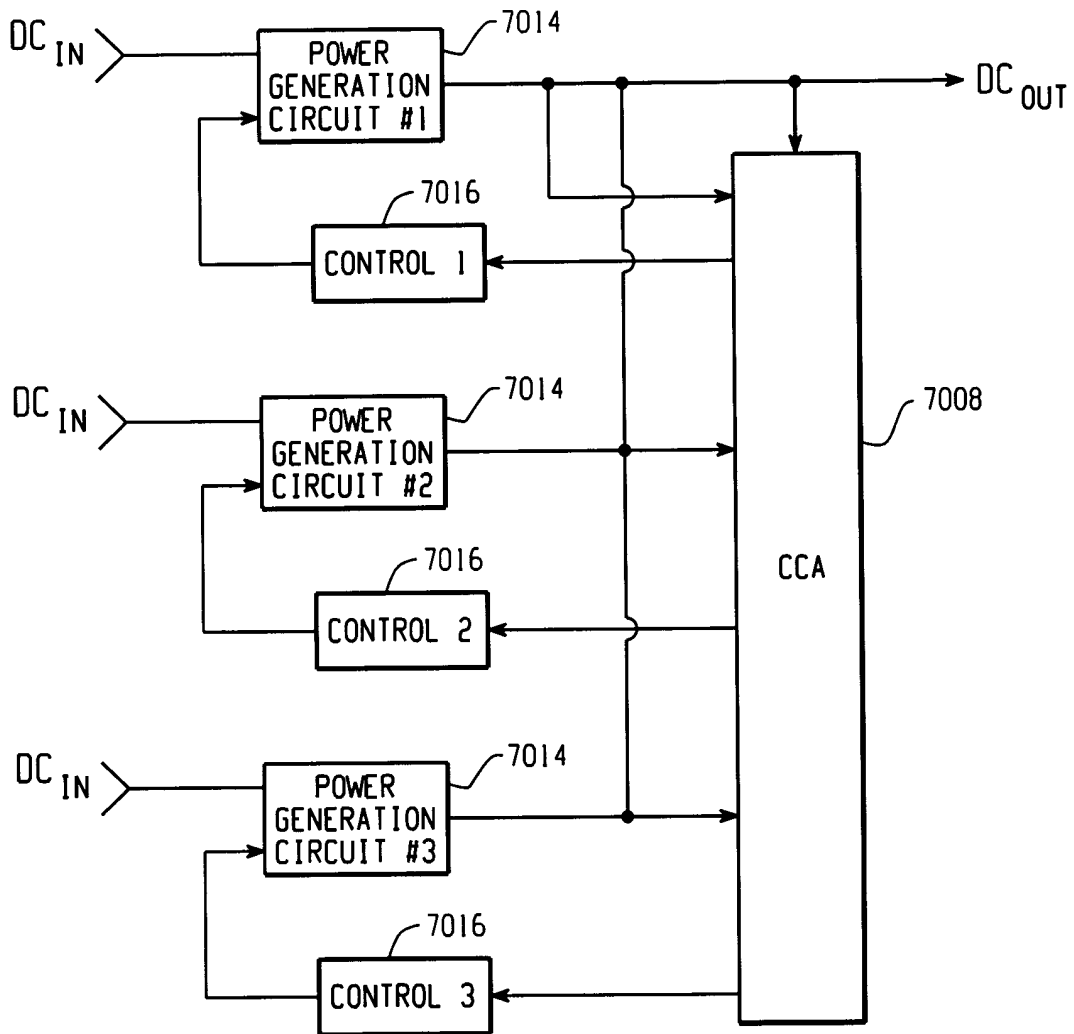
*Fig. 28**Fig. 37*

Fig. 29



*Fig. 30*



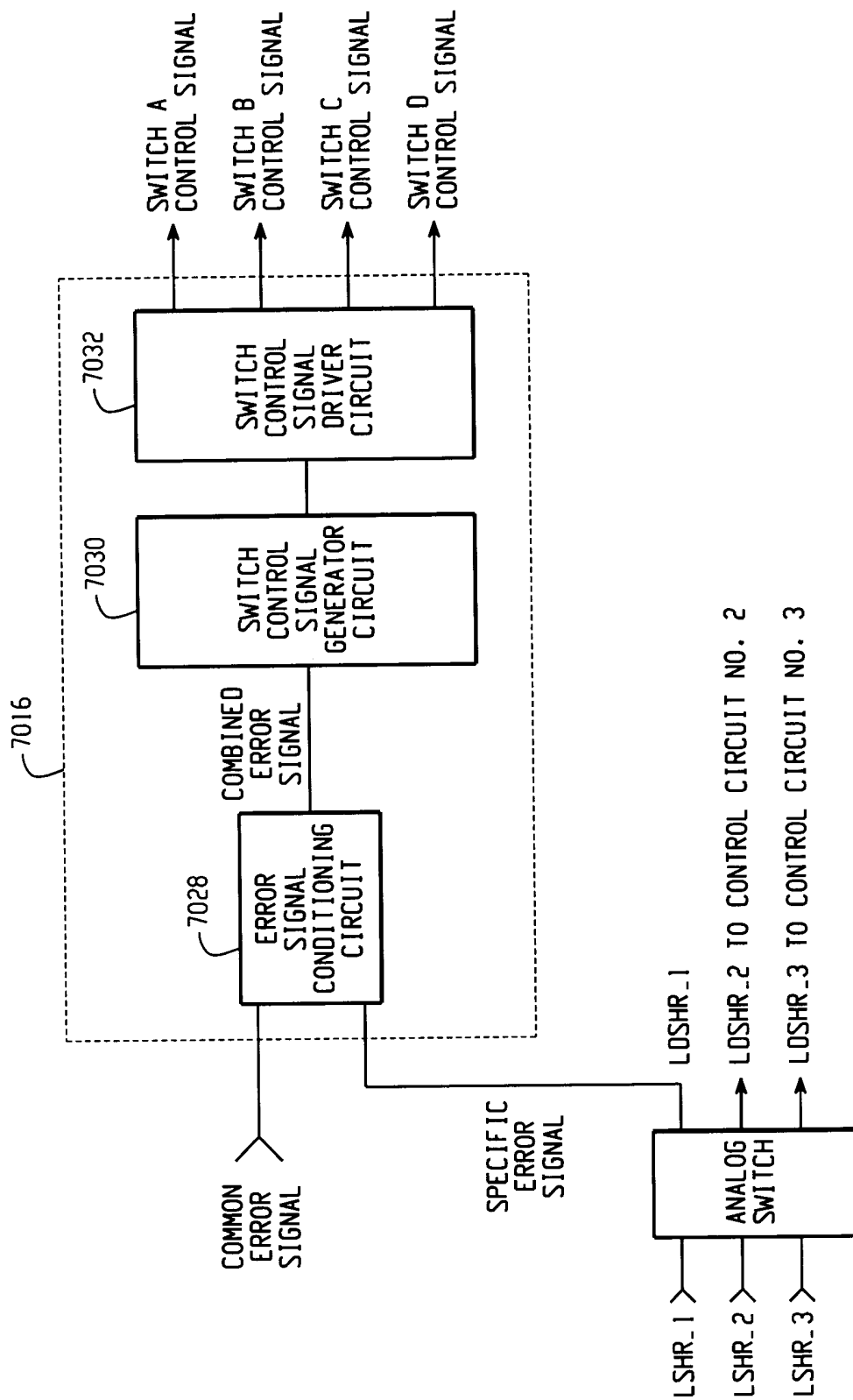


Fig. 31

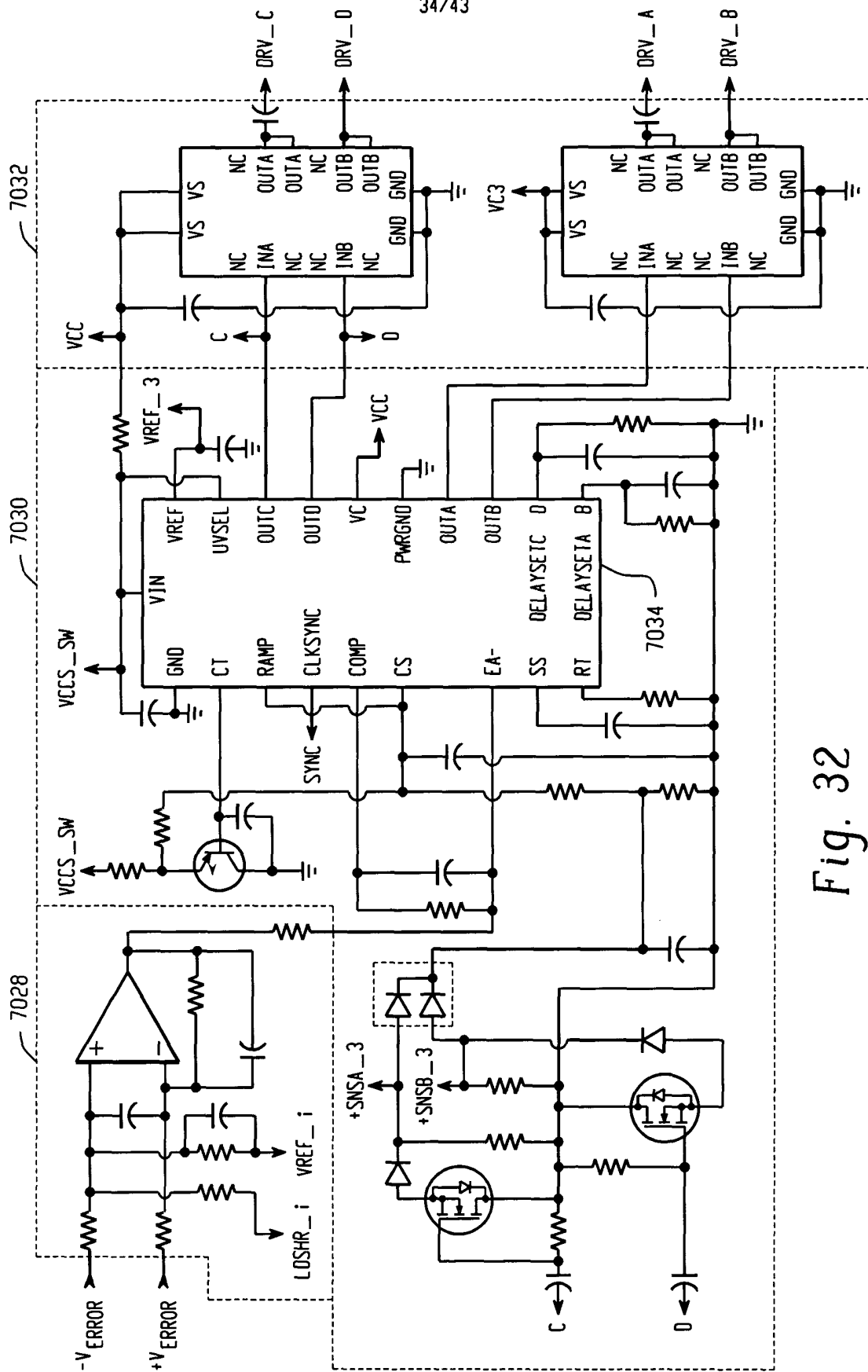


Fig. 32

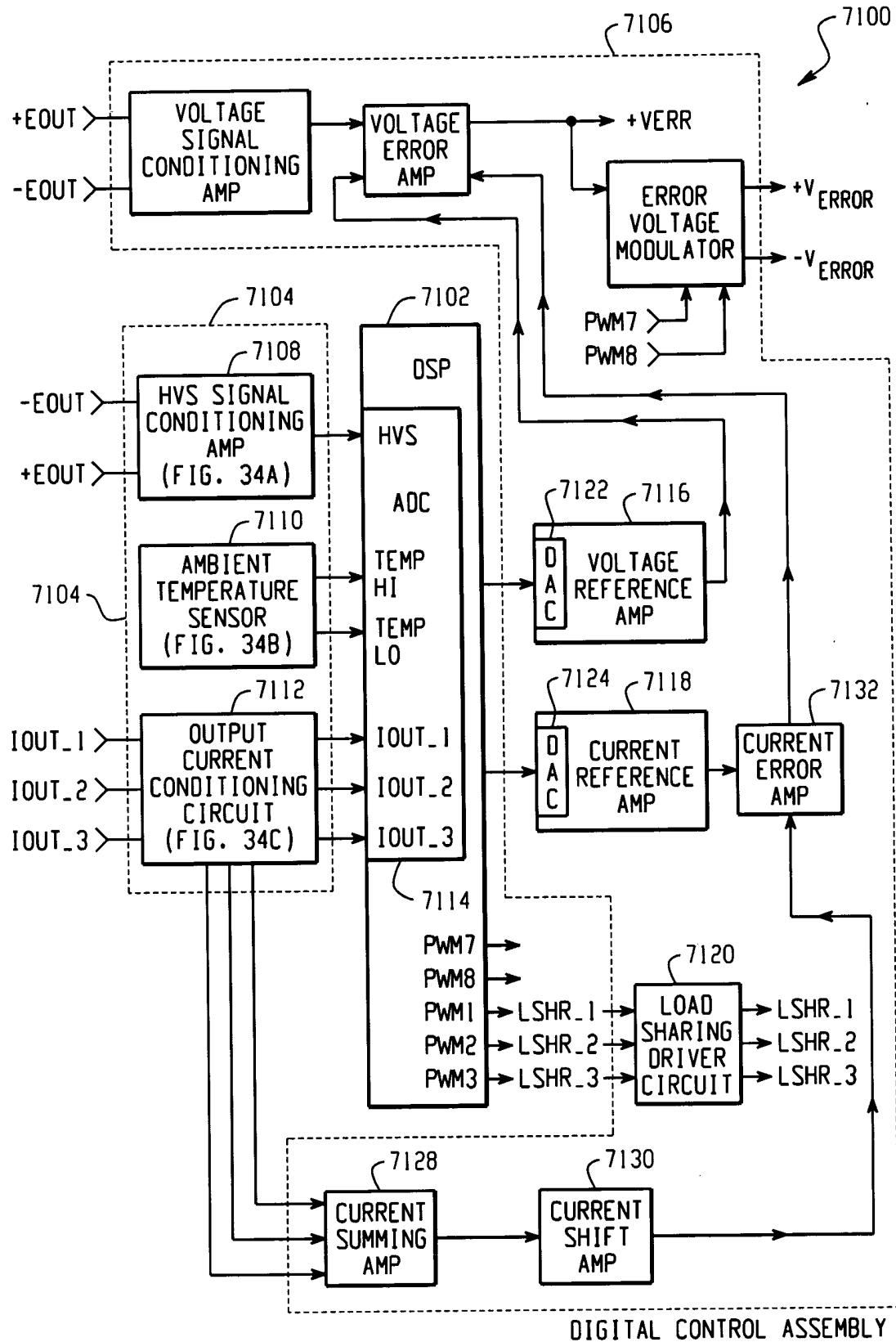
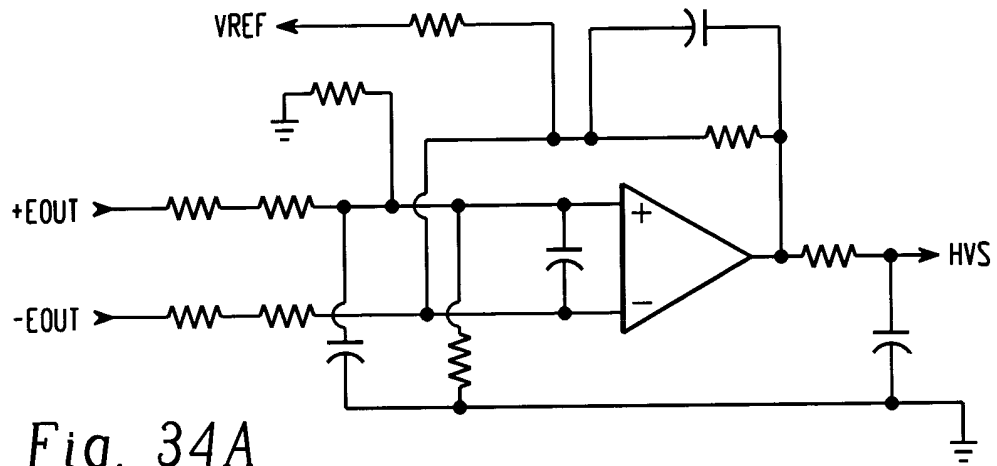
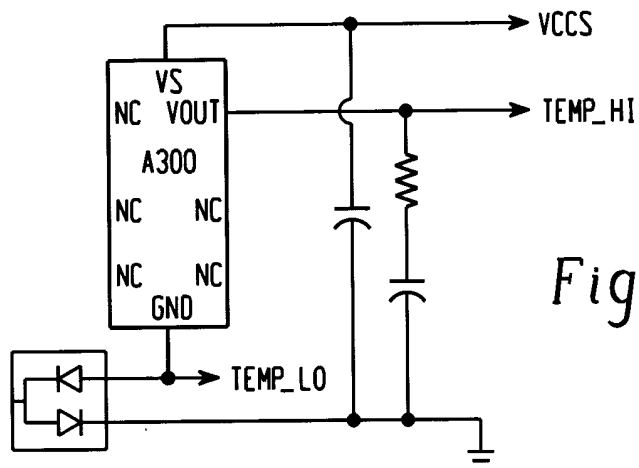
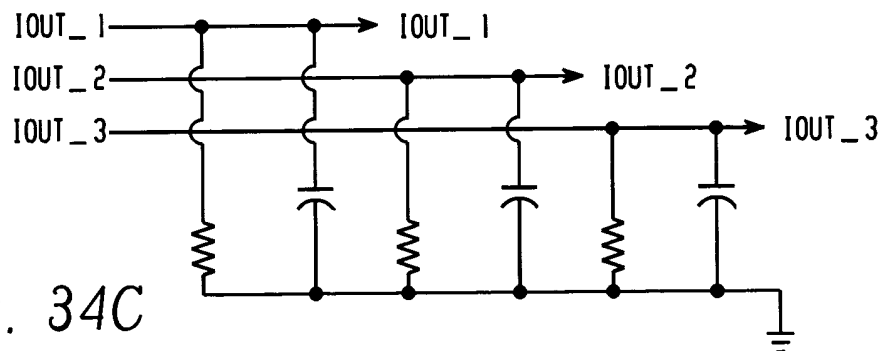


Fig. 33

HVS SIGNAL CONDITIONING AMPLIFIER*Fig. 34A*AMBIENT TEMPERATURE SENSOR*Fig. 34B*CONVERTER OUTPUT CURRENT*Fig. 34C*

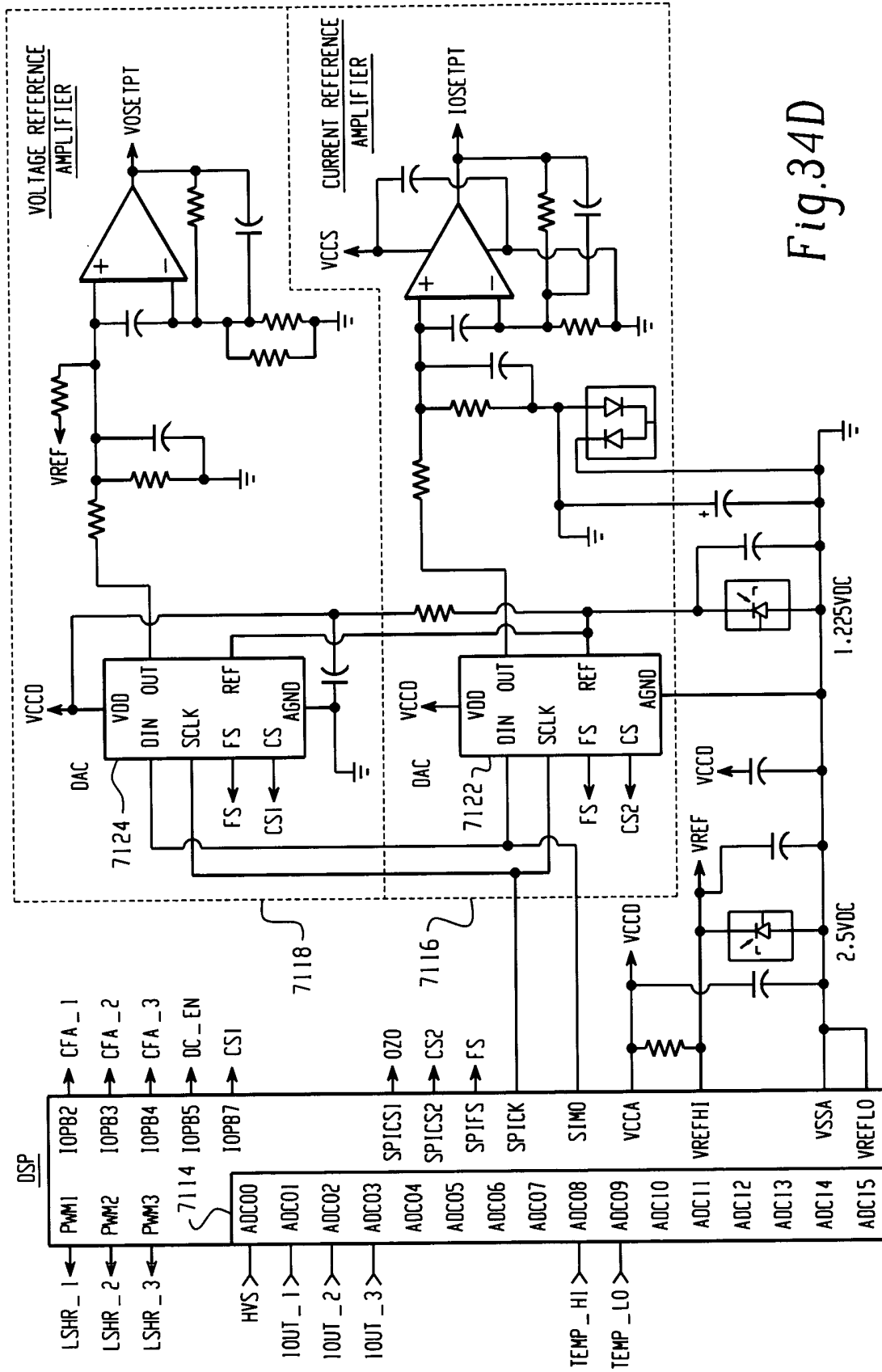
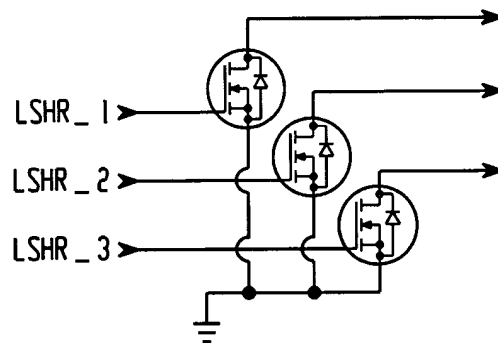
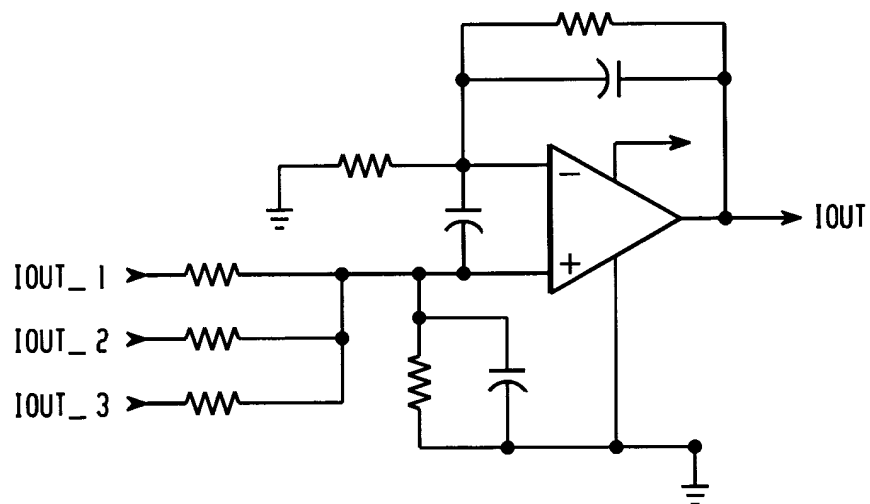


Fig.34D

CONVERTER LOAD SHARING*Fig. 34E*CURRENT SUMMING AMPLIFIER*Fig. 34F*

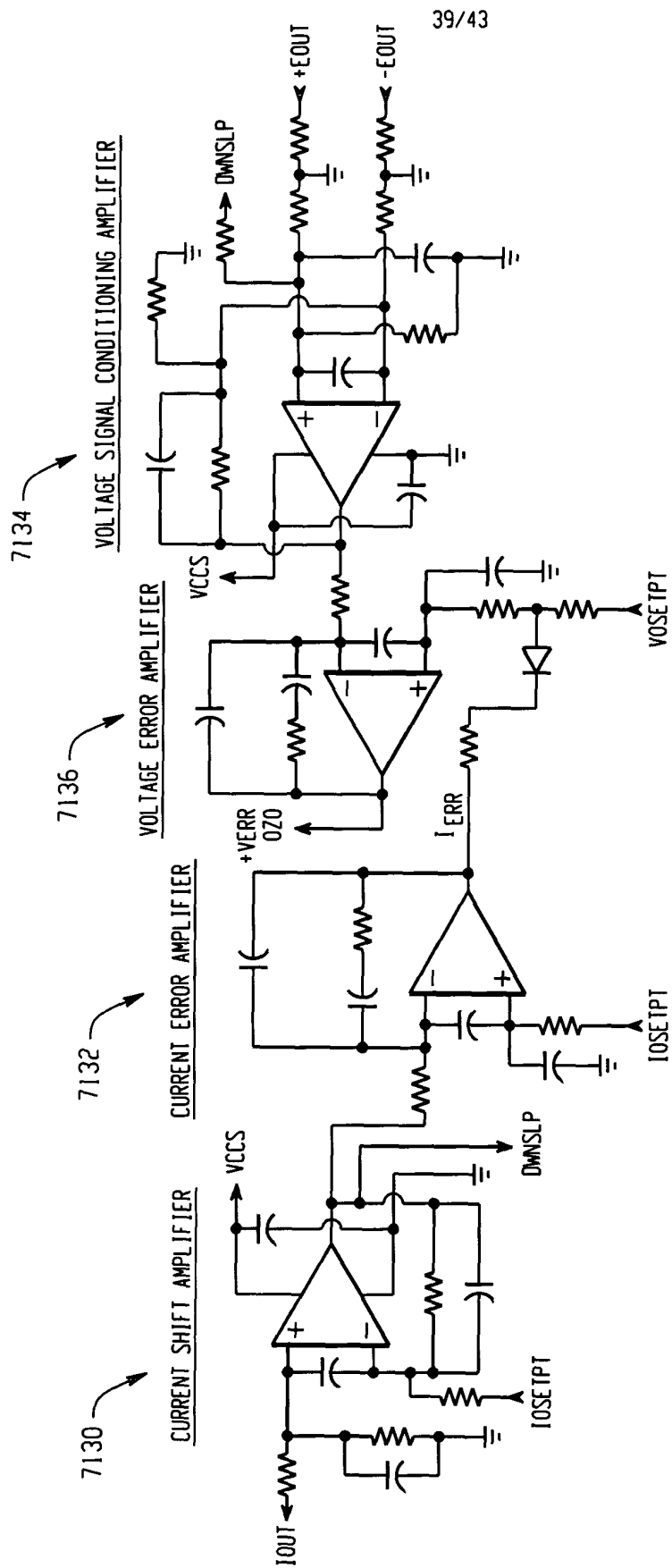


Fig. 34C

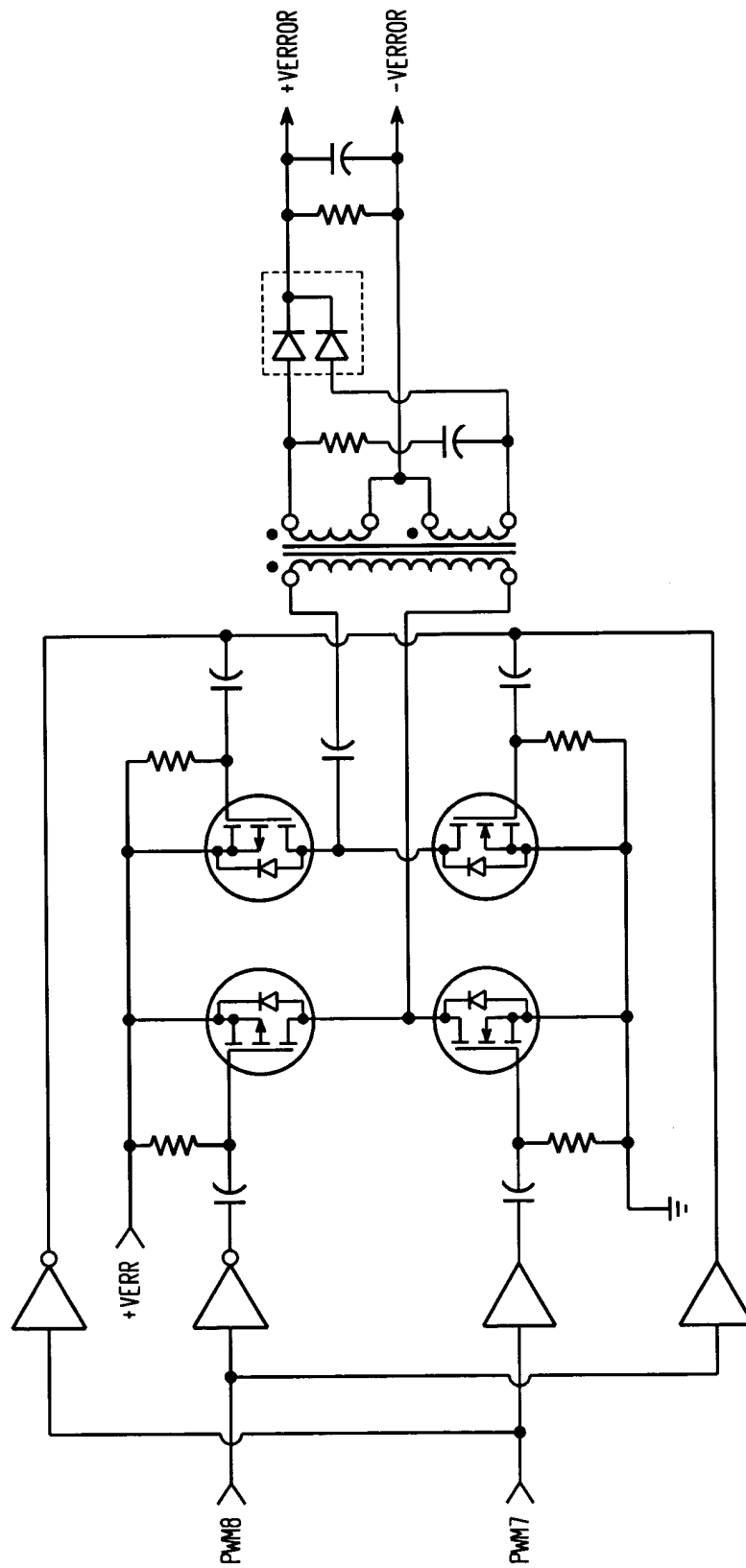


Fig. 34H



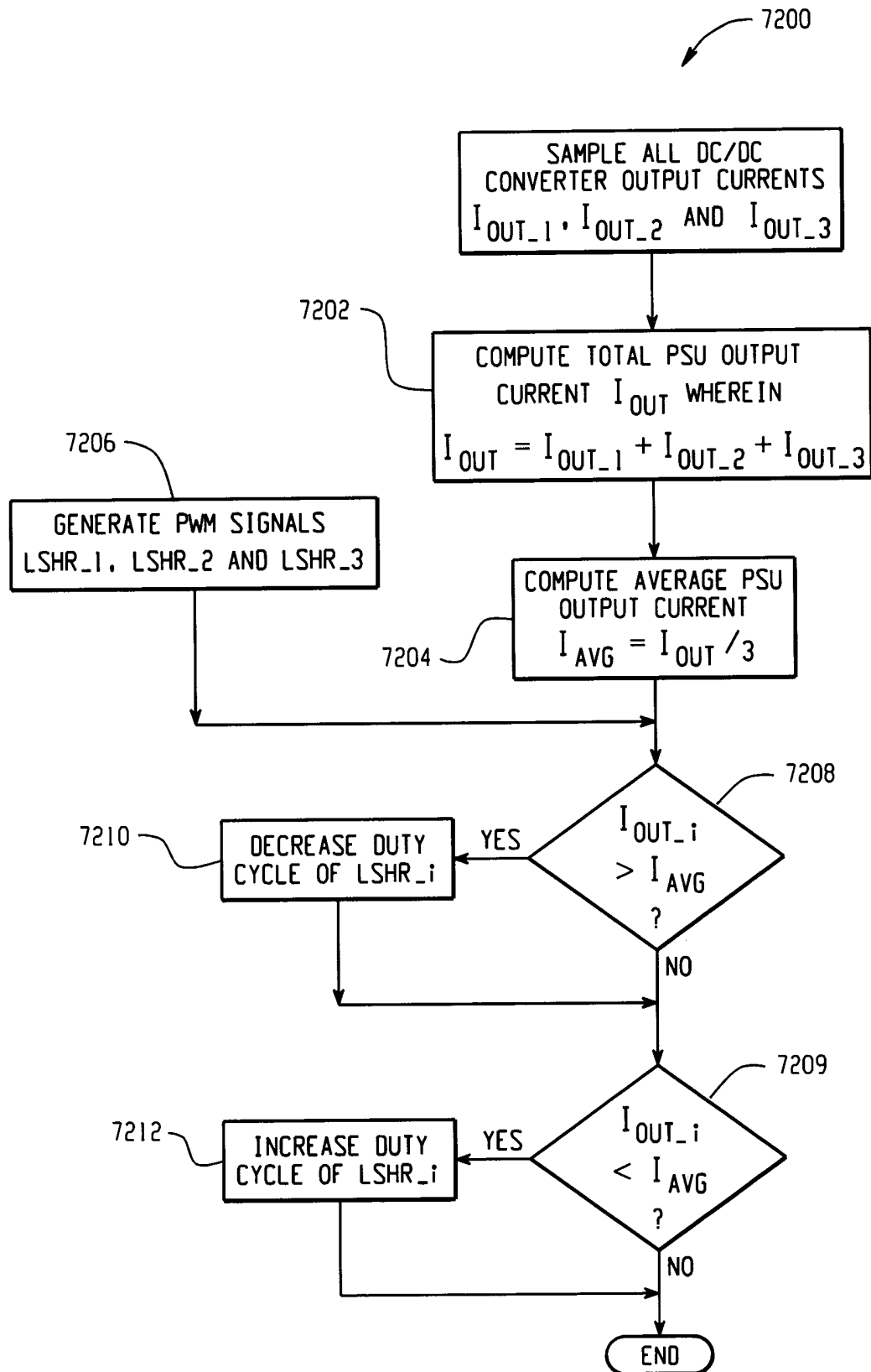


Fig. 35

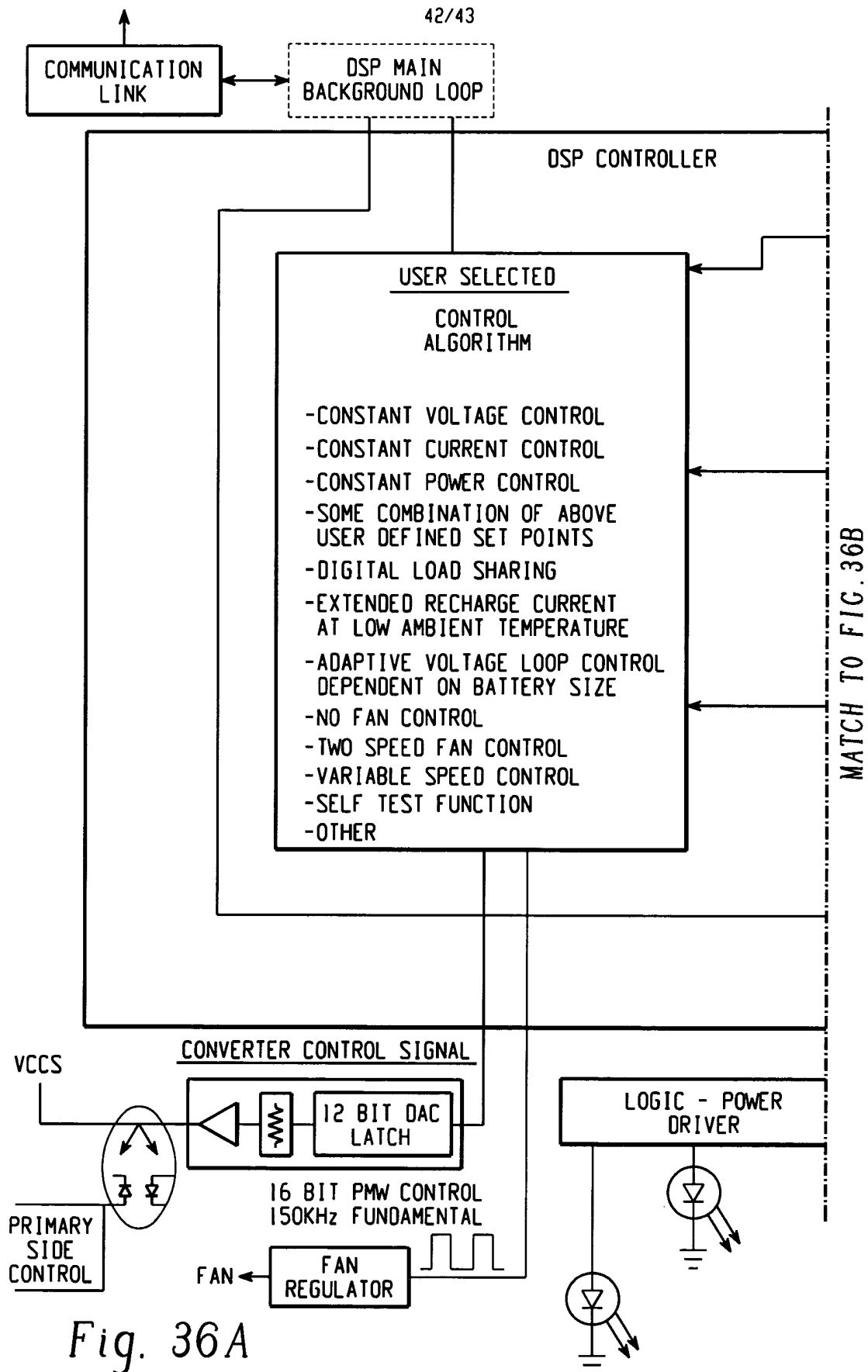


Fig. 36A

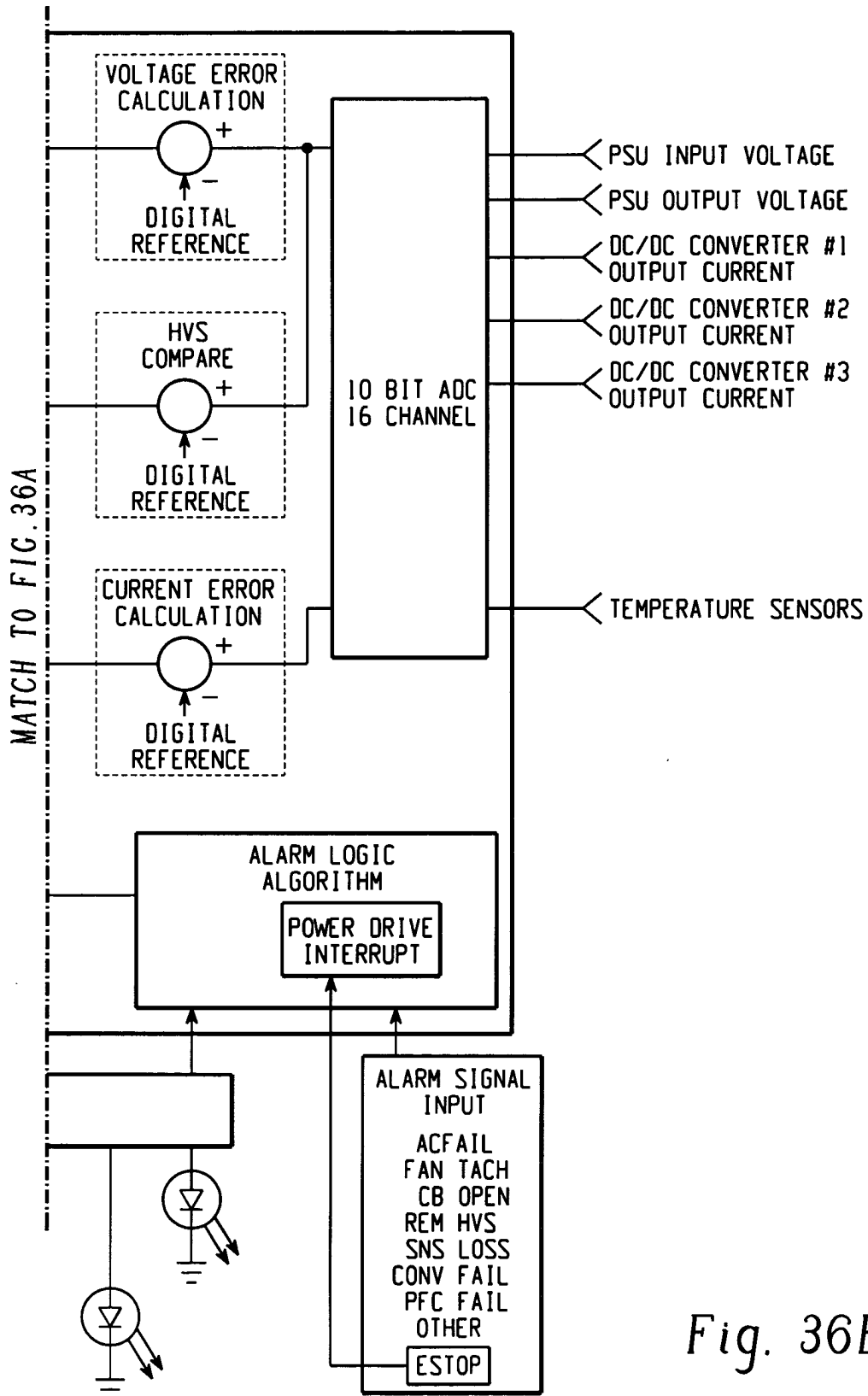


Fig. 36B